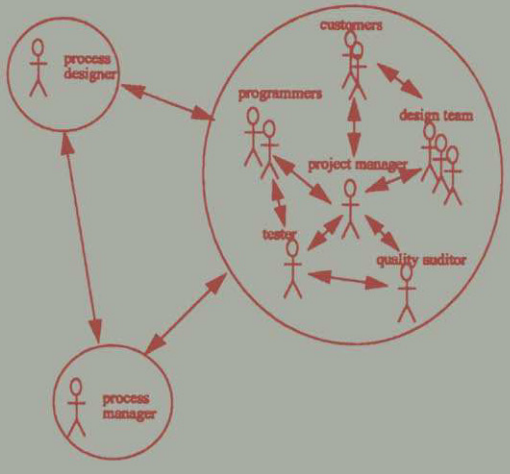
Lecture Notes in Computer Science 1500

Jean-Claude Derniame
Badara Ali Kaba David Wastell (Eds.)

Software Process: Principles, Methodology, and Technology



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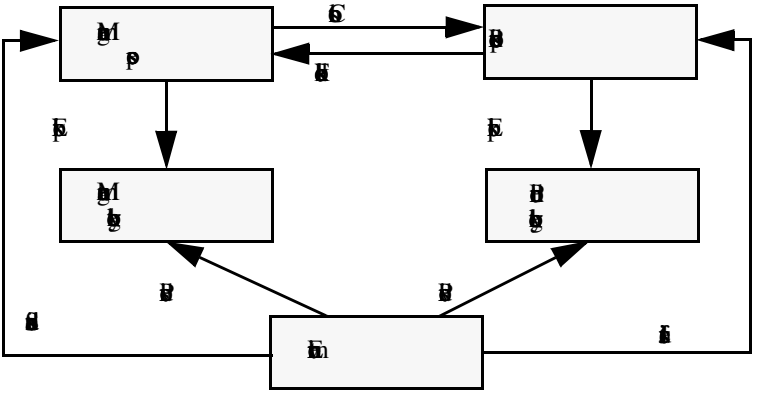


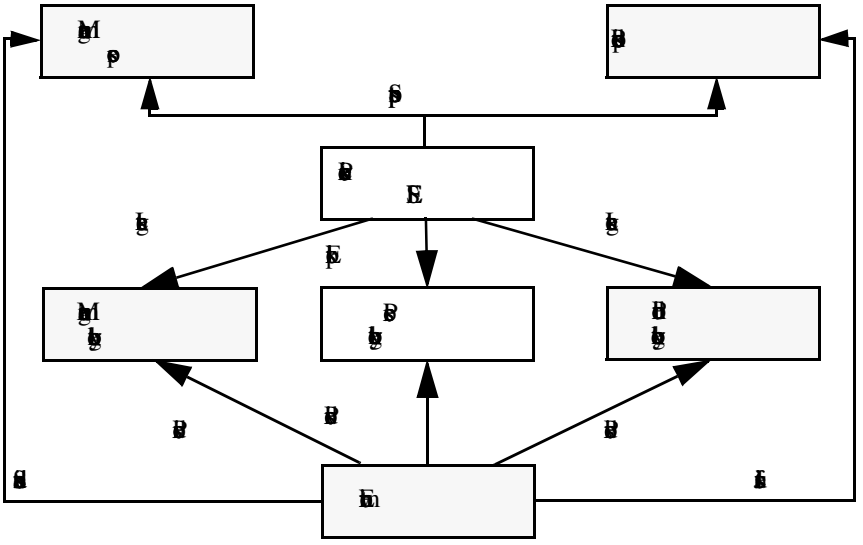






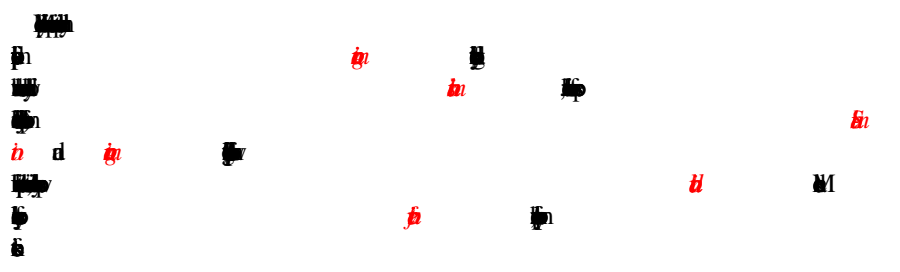
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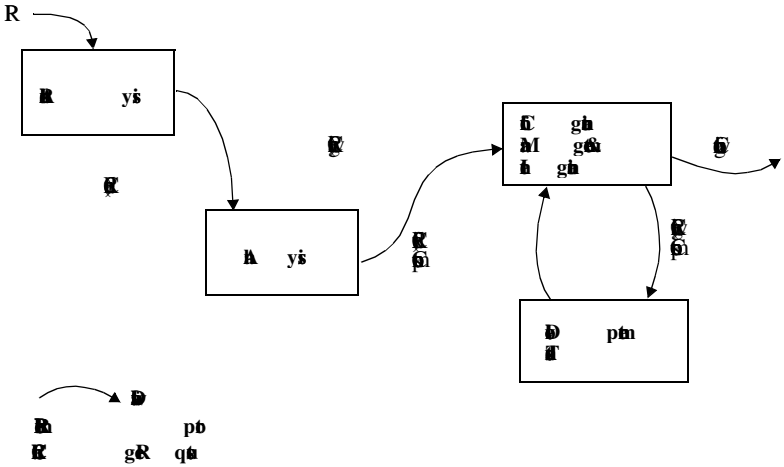




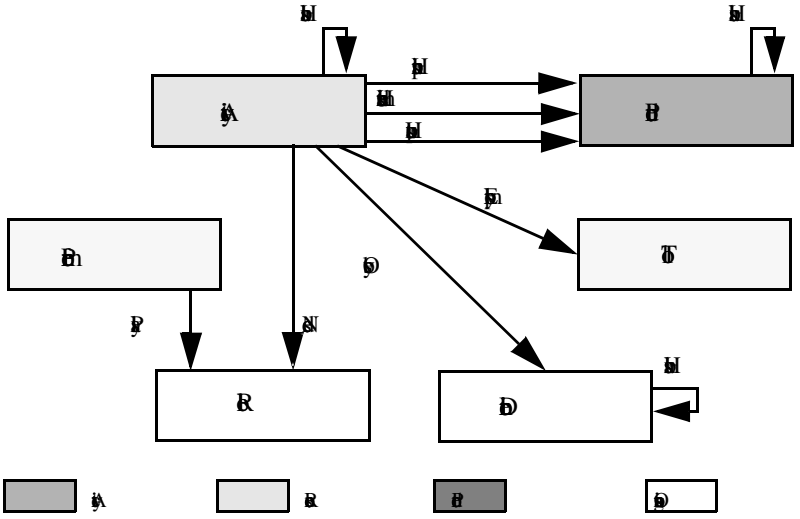


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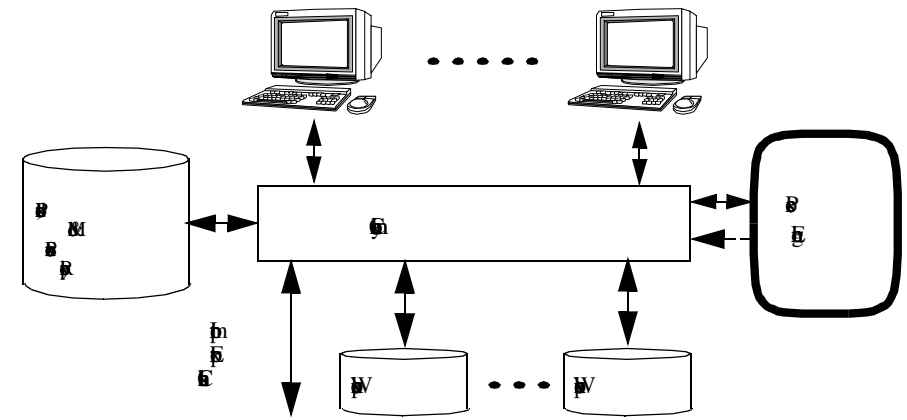


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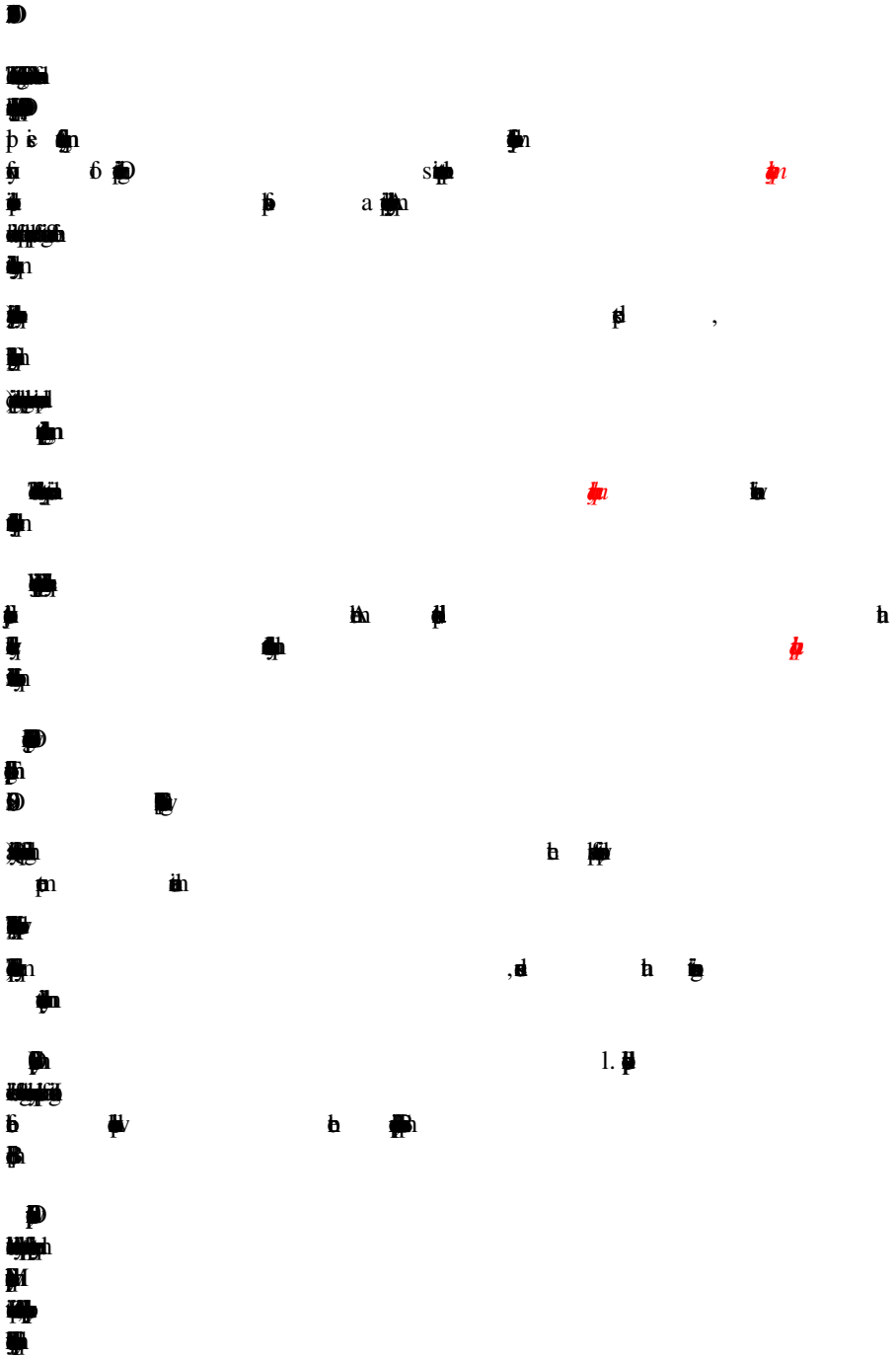


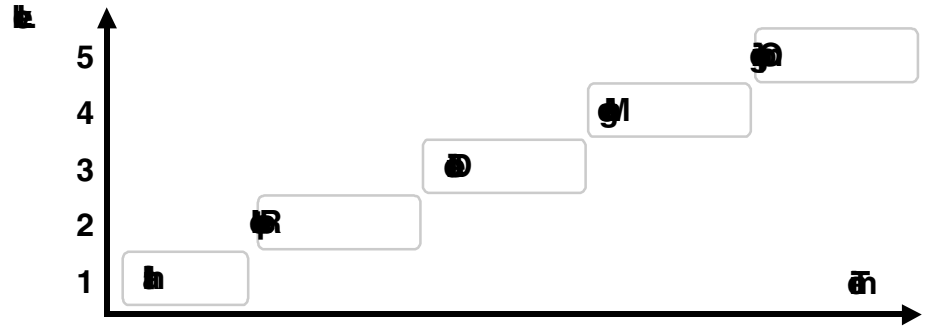
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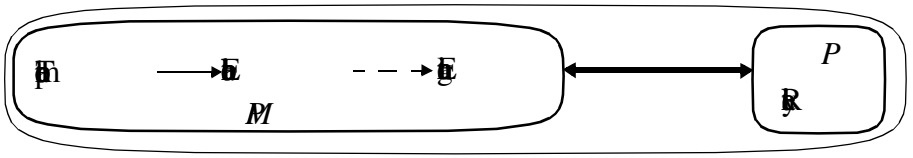
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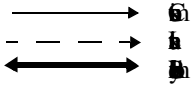
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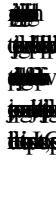










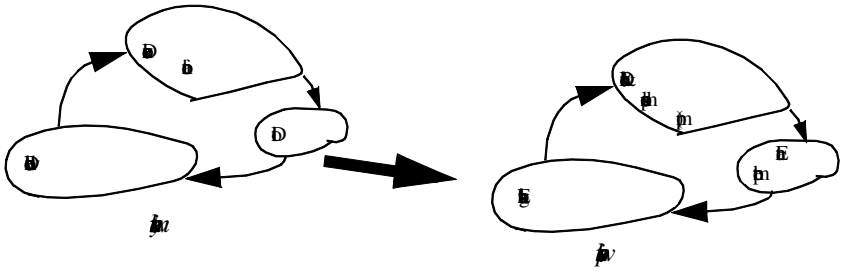


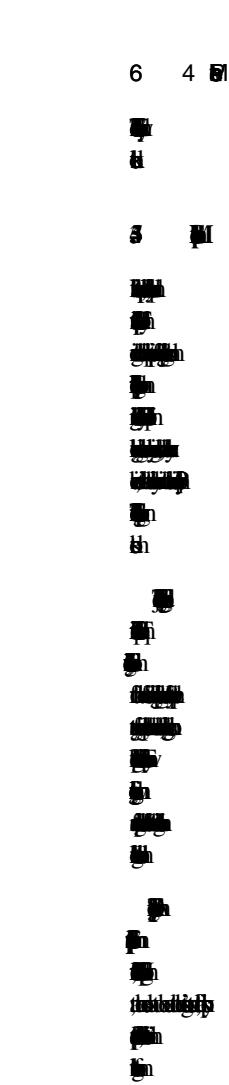
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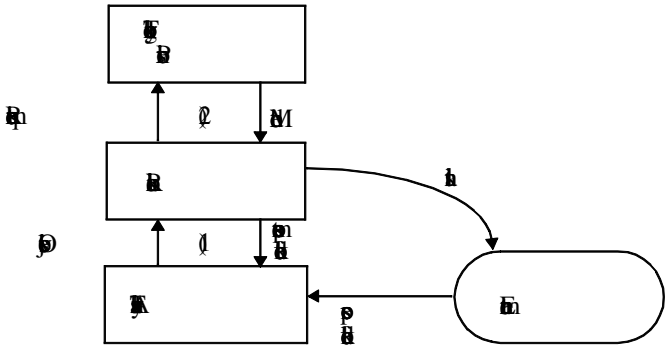
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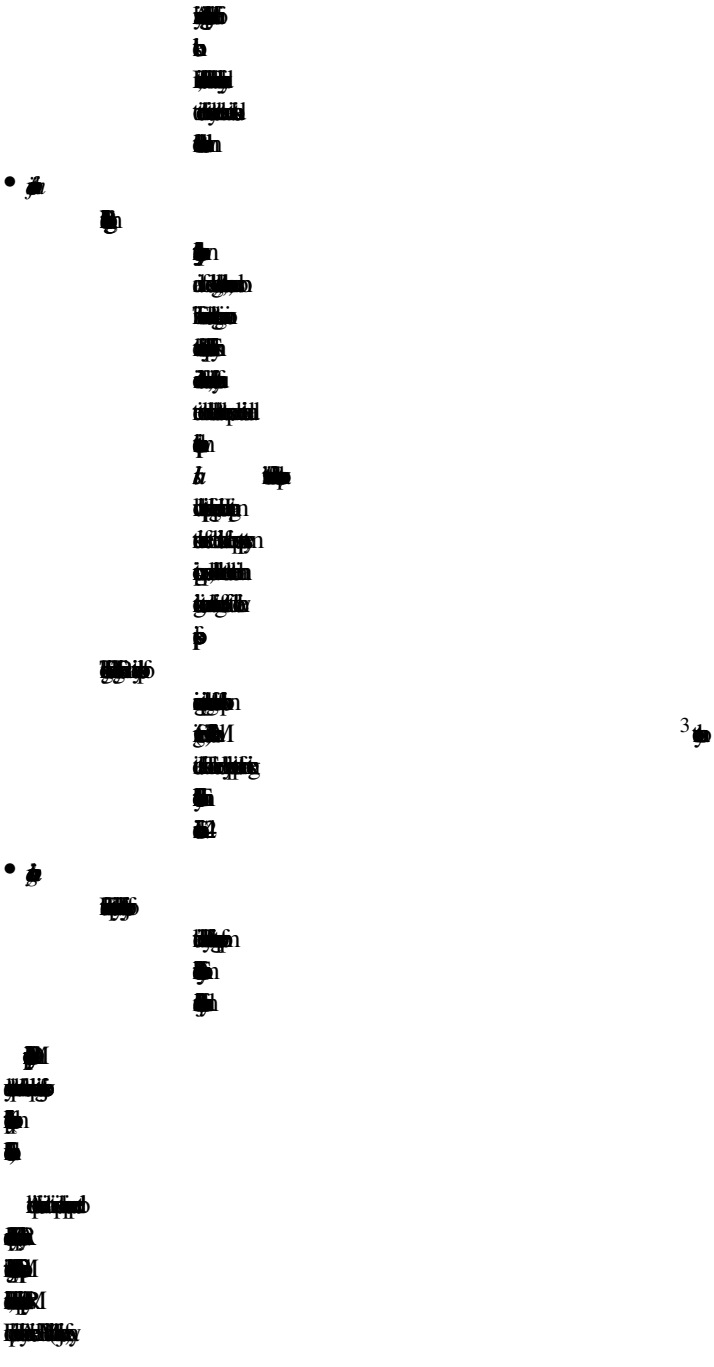
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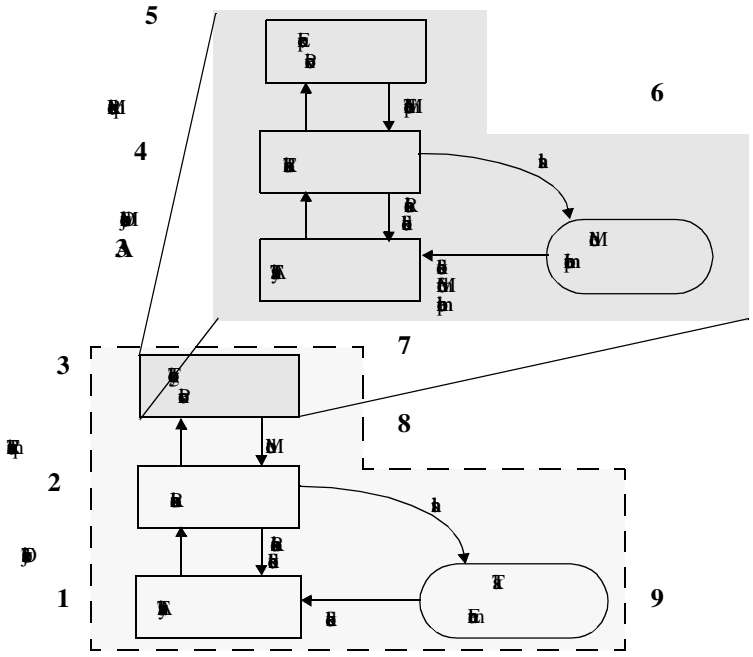
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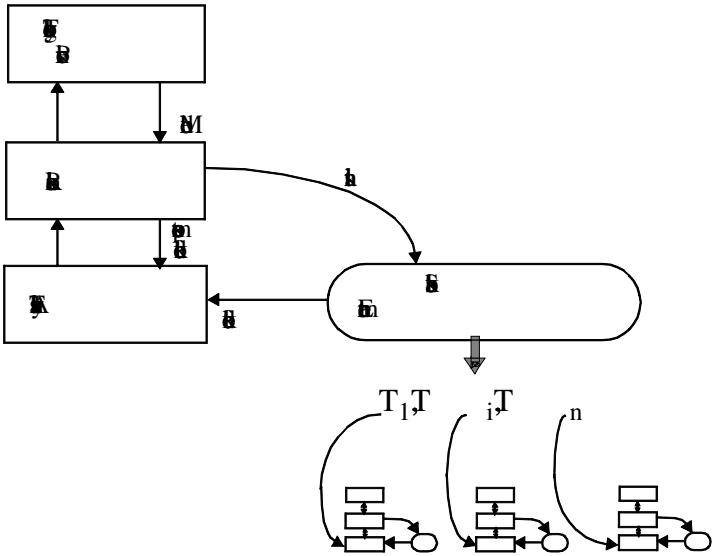
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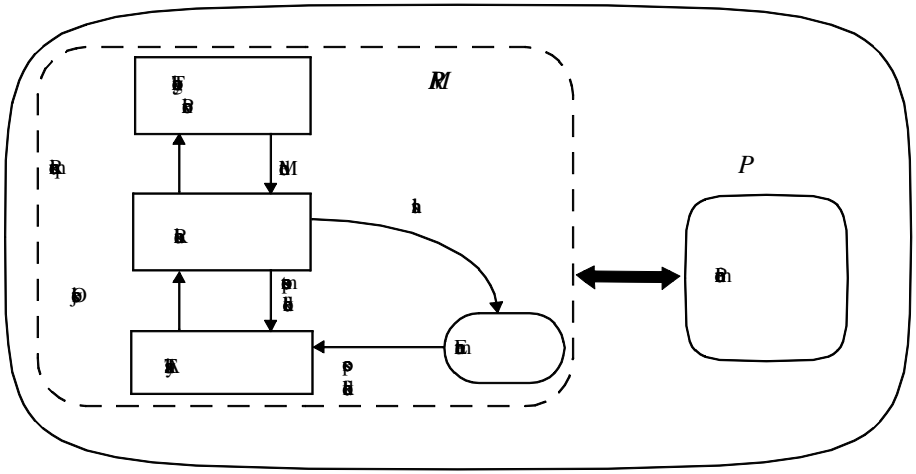



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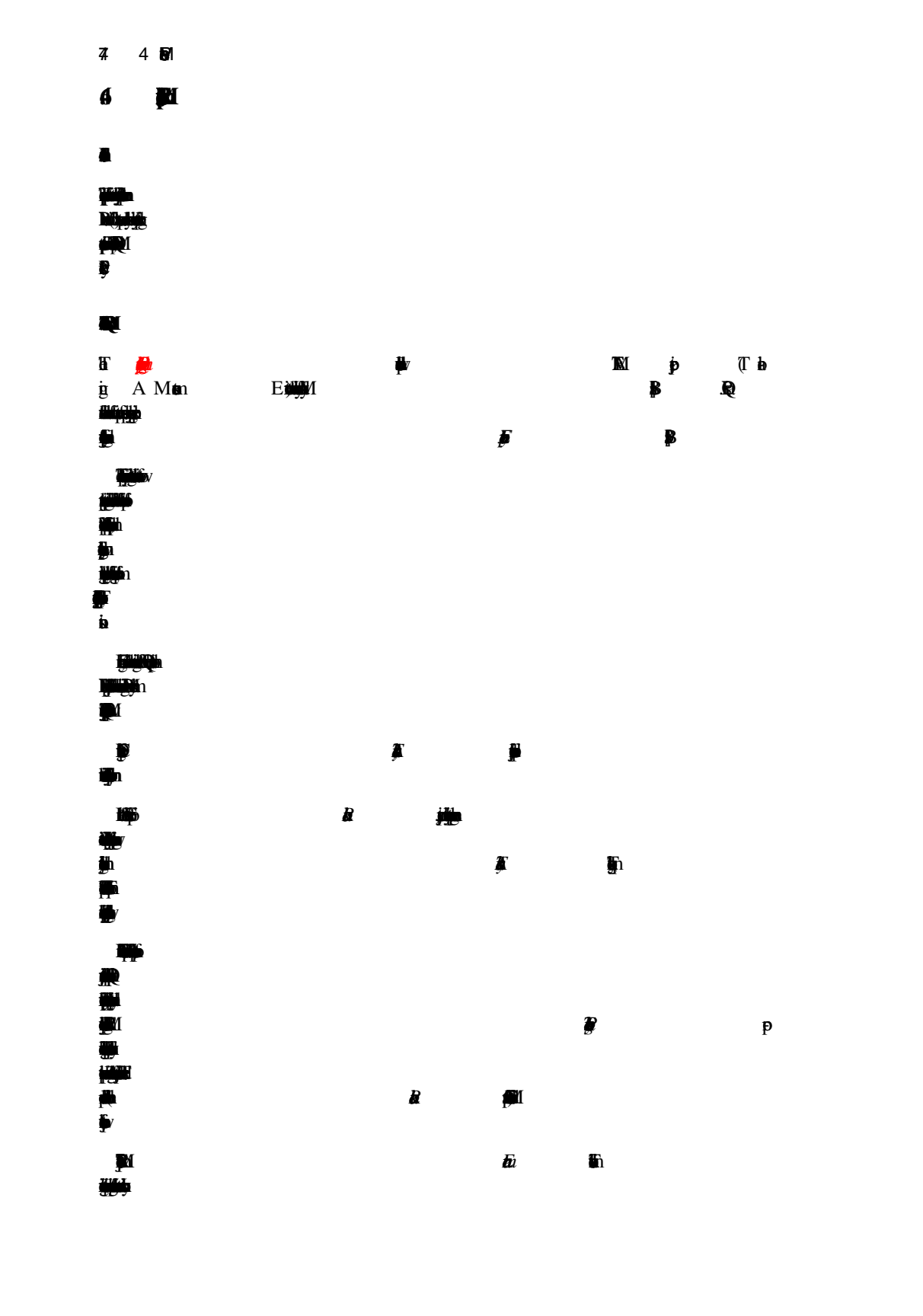
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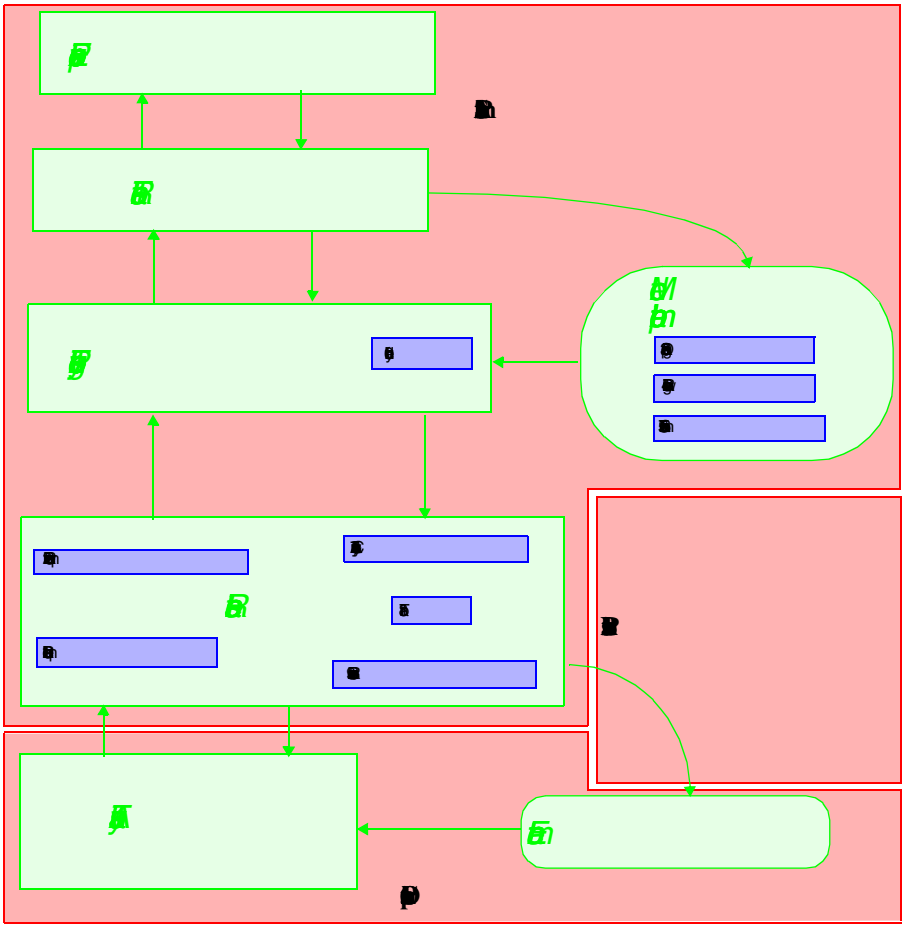
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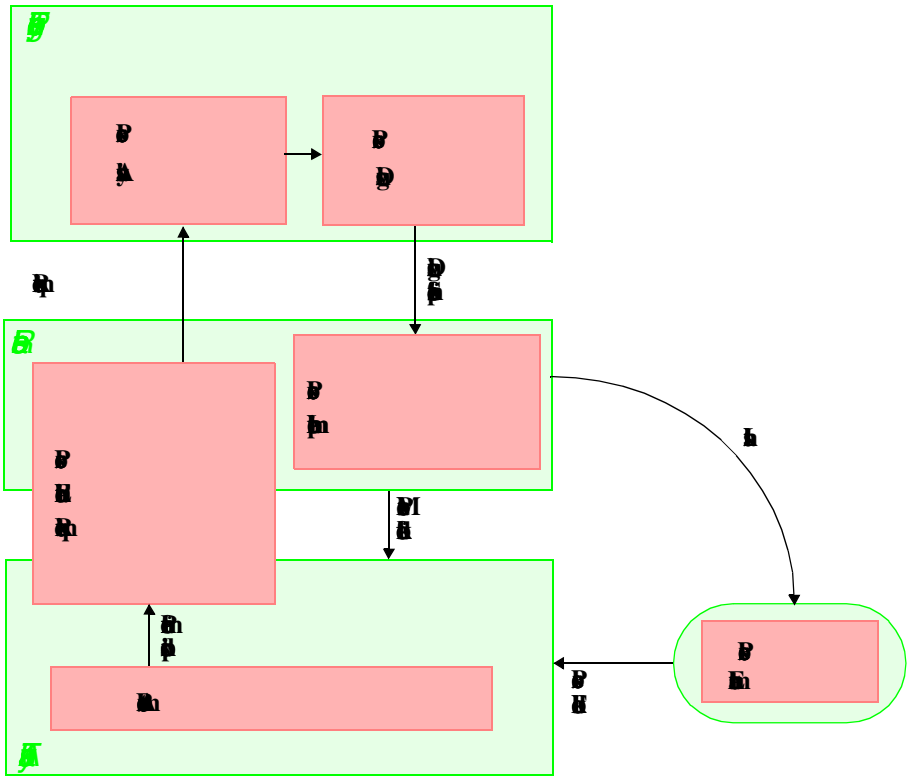


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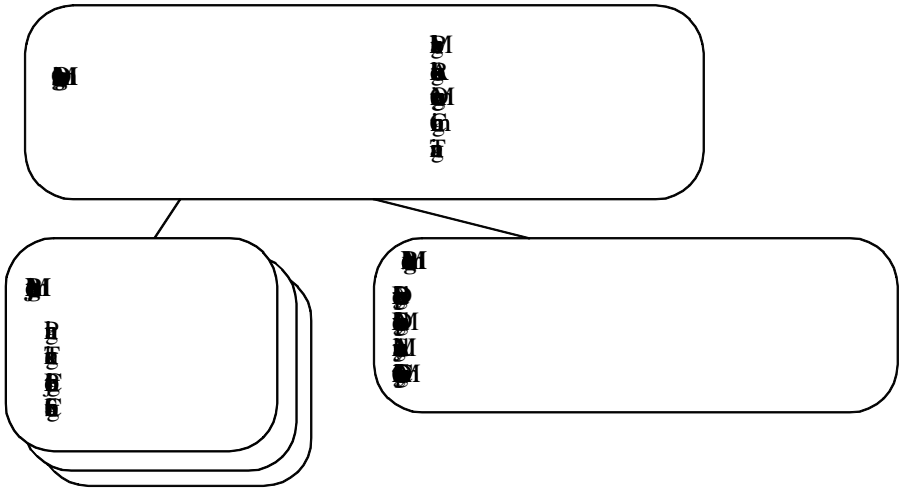
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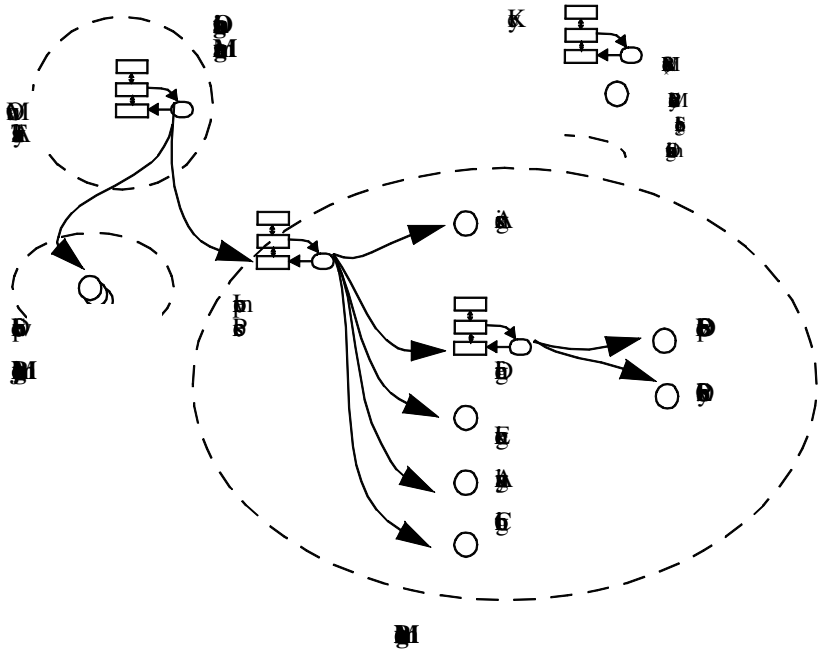
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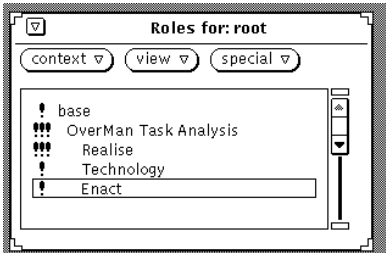
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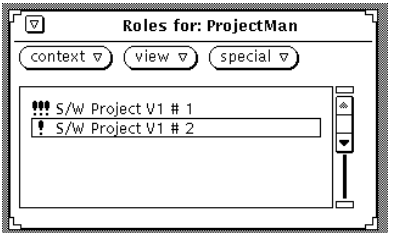


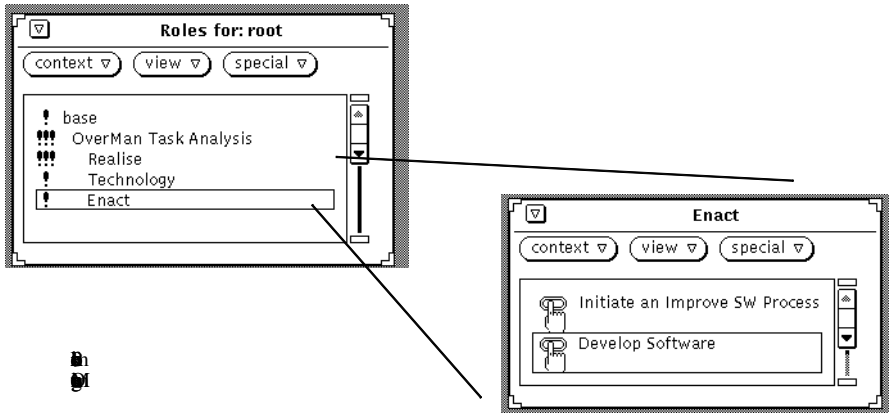
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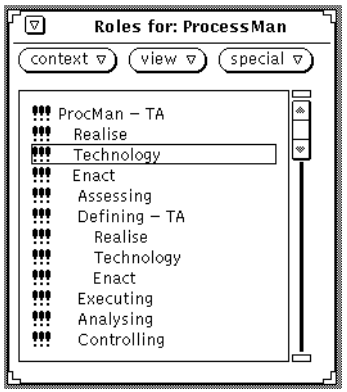
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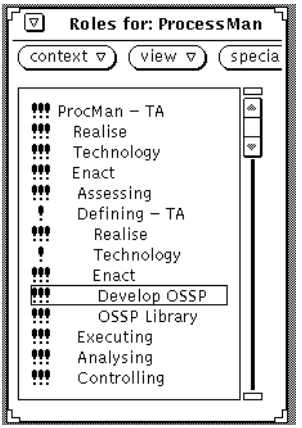


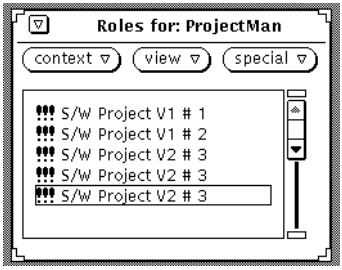

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OverMan Task Analysis
Realise
Technology
Enact

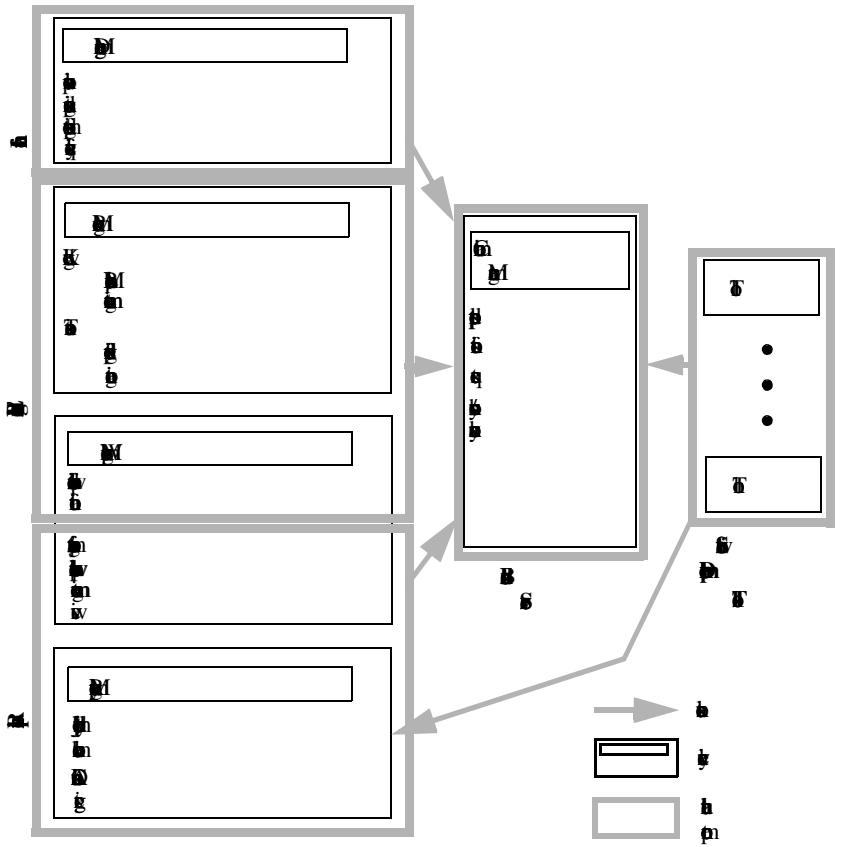

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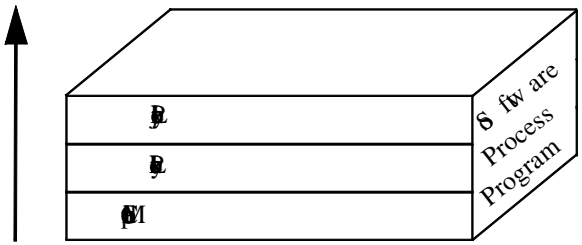

Roles for: root
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view
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base
OverMan Task Analysis
Realise
Technology
Enact
Enact
context
view
special
Initiate an Improve SW Process
Develop Software

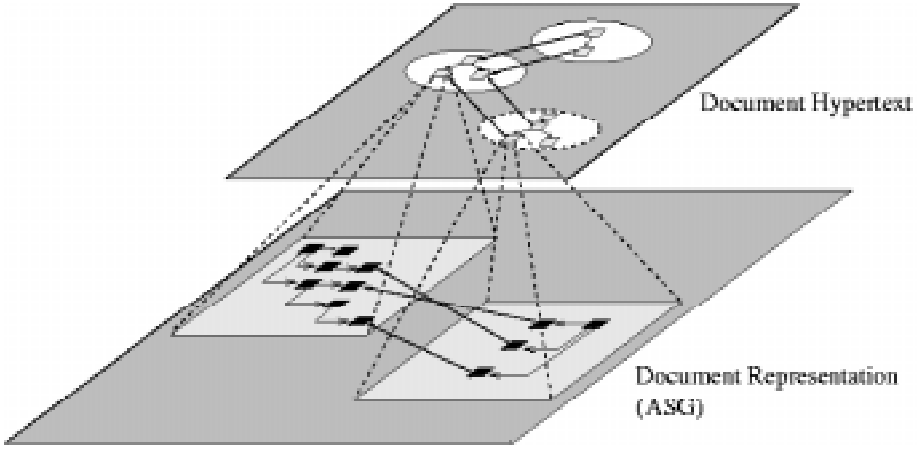

Roles for: ProcessMan
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ProcMan – TA
Realise
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Assessing
Defining – TA
Realise
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Executing
Analysing
Controlling

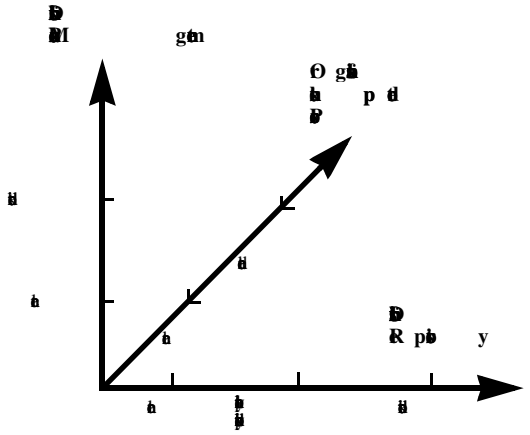

Roles for: ProcessMan
context
view
ProcMan – TA
Realise
Technology
Enact
Assessing
Defining – TA
Realise
Technology
Enact
Develop OSSP
OSSP Library
Executing
Analysing
Controlling


Roles for: ProjectMan
context
view
special
S/W Project V1 # 1
S/W Project V1 # 2
S/W Project V2 # 3
S/W Project V2 # 3
S/W Project V2 # 3



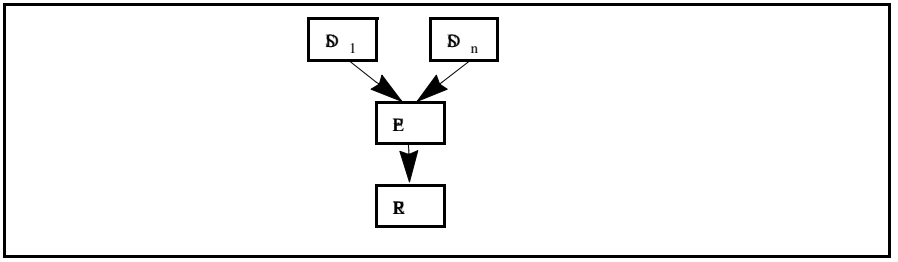

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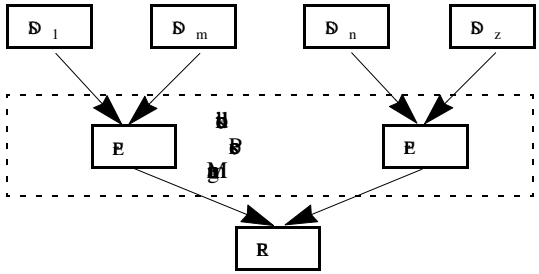

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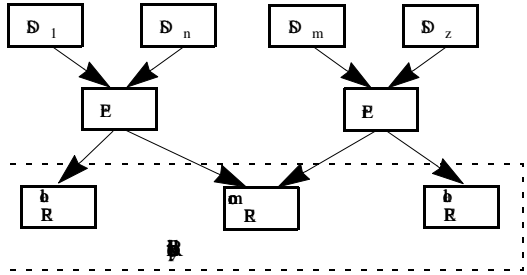


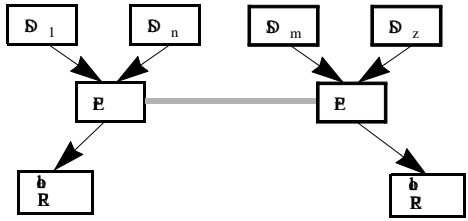
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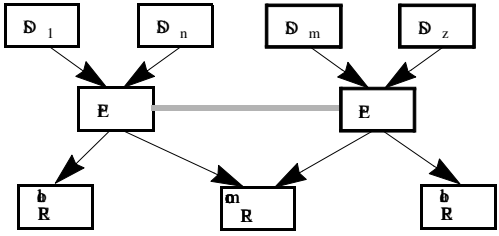
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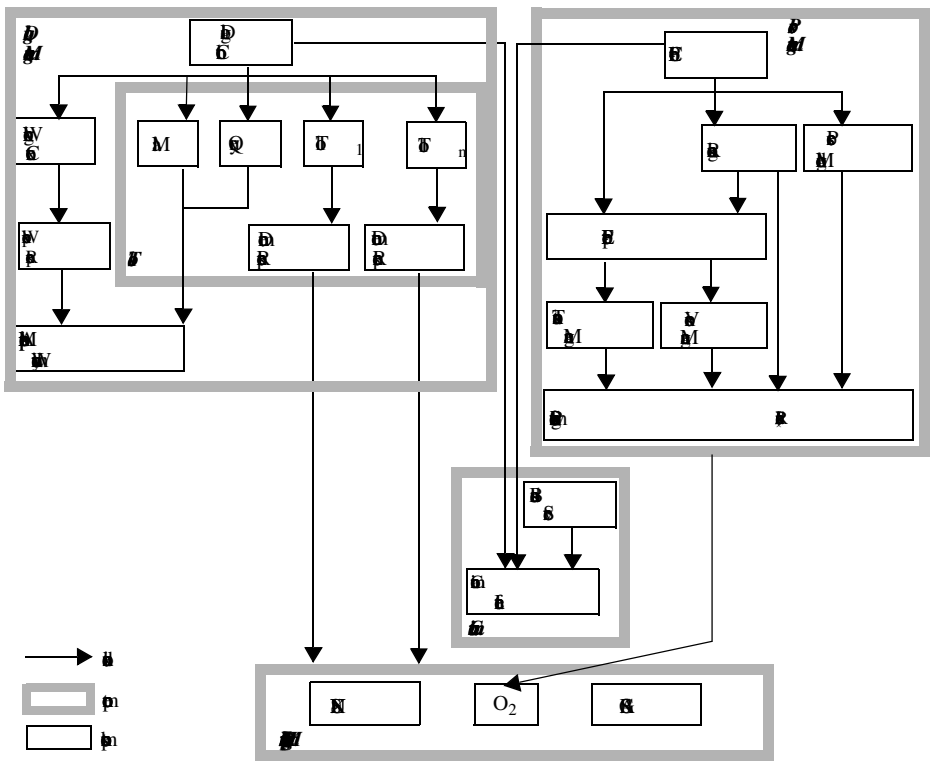


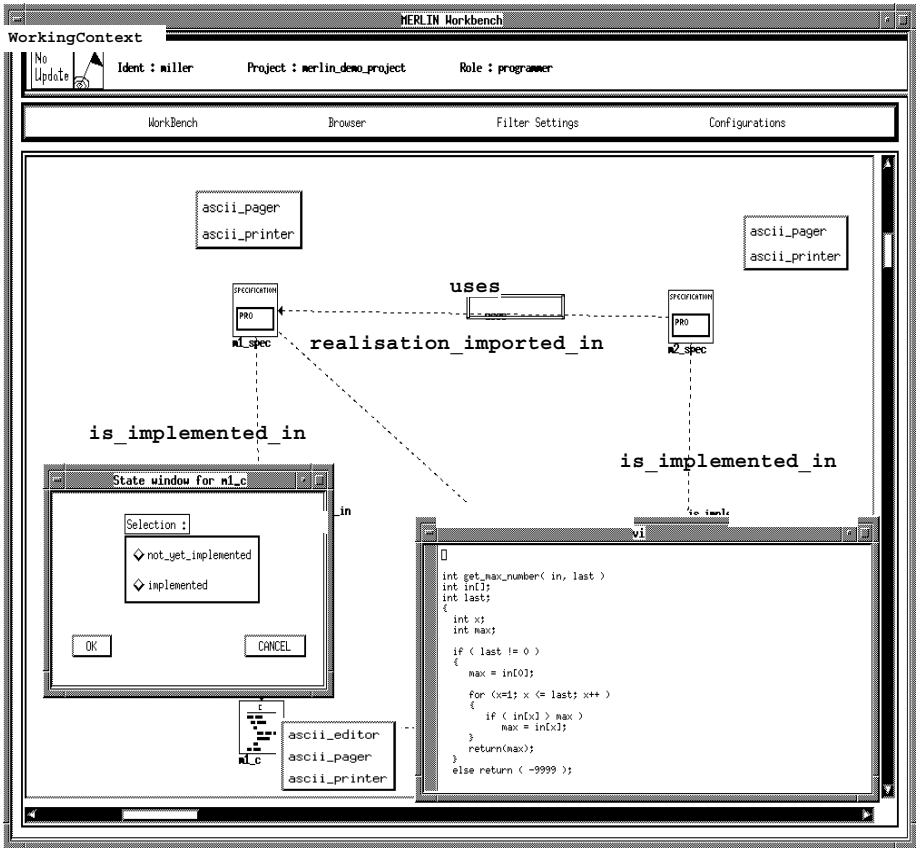


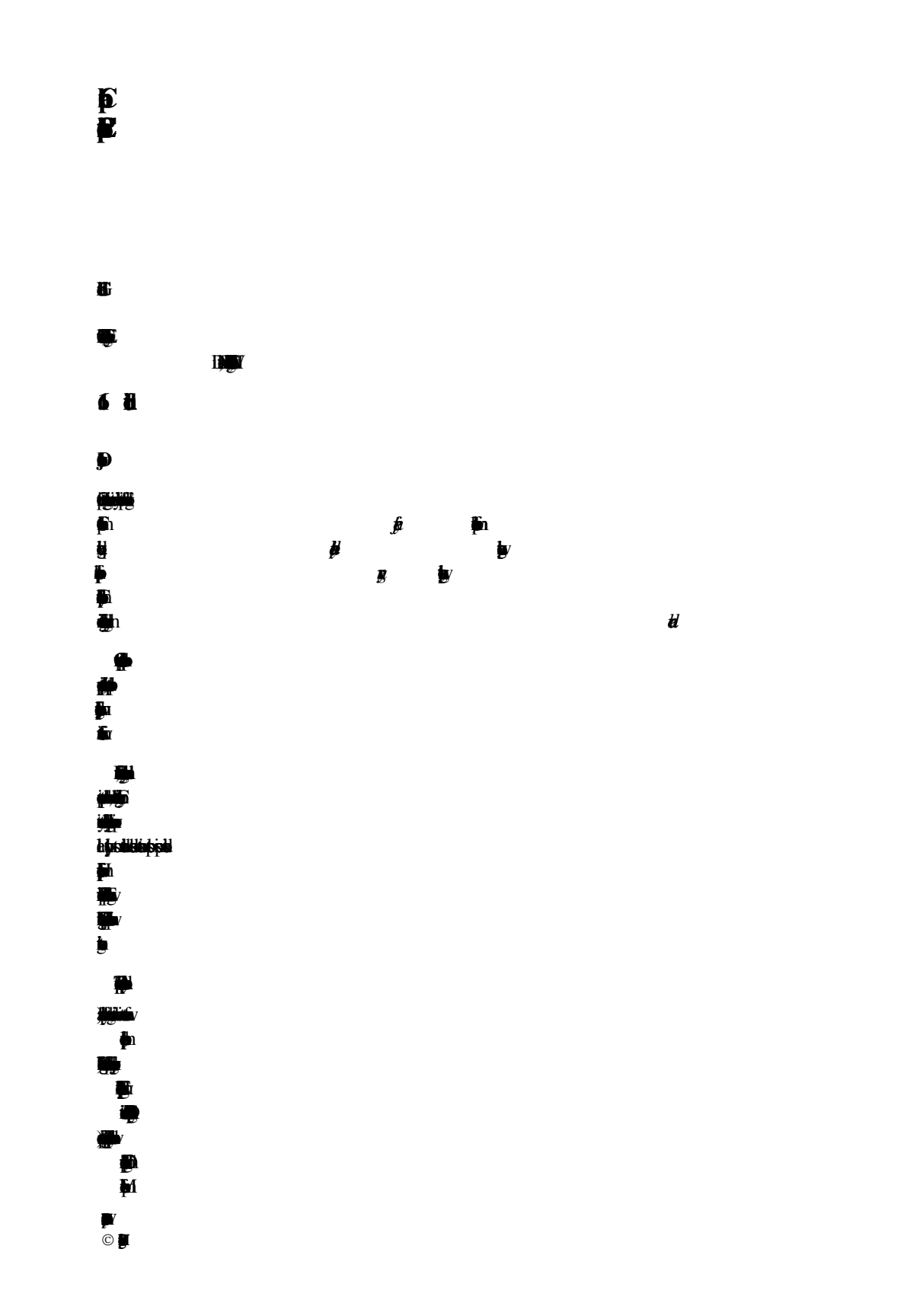


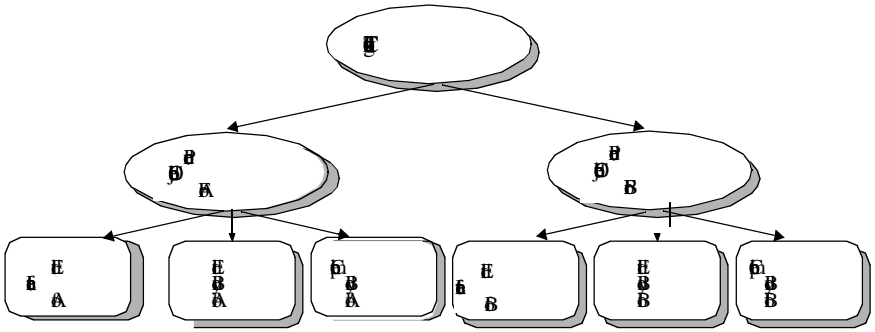


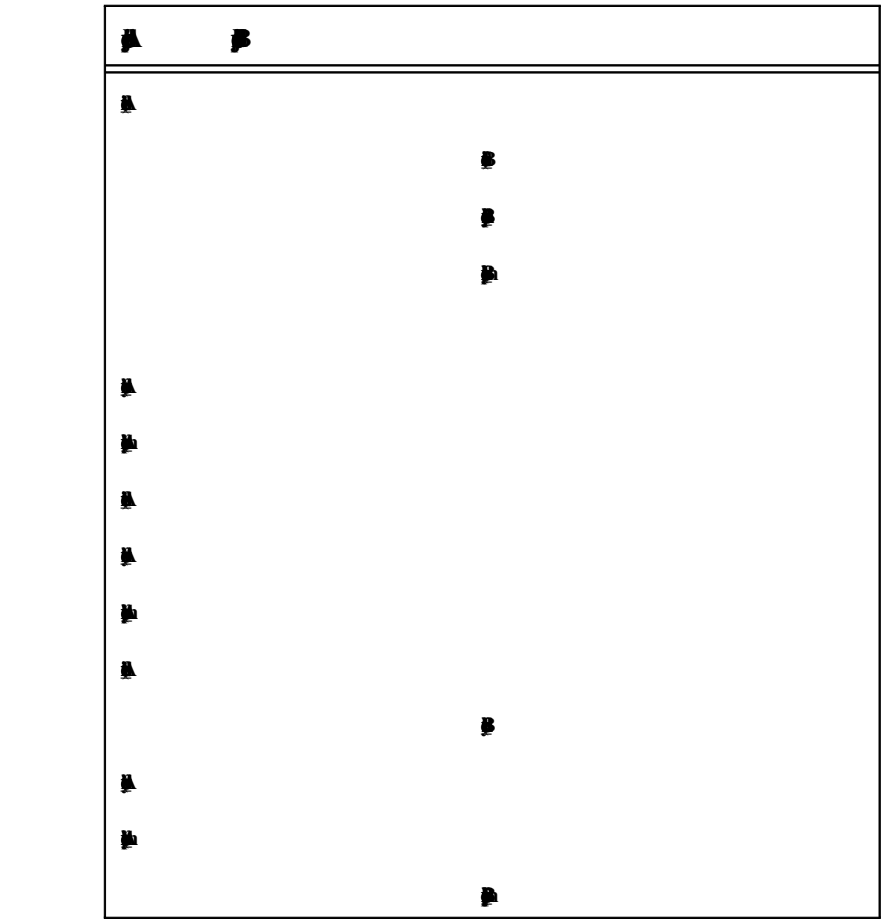


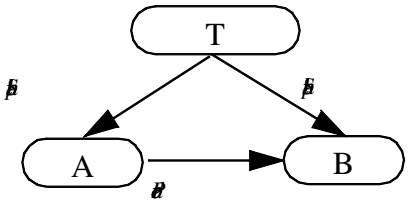

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MERLIN Workbench
WorkingContext
No Update
Ident : miller
Project : merlin_demo_project
Role : programmer
WorkBench
Browser
Filter Settings
Configurations
ascii_pager
ascii_printer
uses
realisation_imported_in
SPECIFICATION
PRO
m1_spec
m2_spec
is_implemented_in
State window for m1_c
Selection :
not_yet_implemented
implemented
OK
CANCEL
ascii_editor
ascii_pager
ascii_printer
int get_max_number(in, last)
int in[];
int last;
{
int x;
int max;
if (last != 0)
{
max = in[0];
for (x=1; x <= last; x++)
{
if (in[x] > max)
max = in[x];
}
return(max);
}
else return (-9999);









$$A() \cap B() \subseteq B()$$

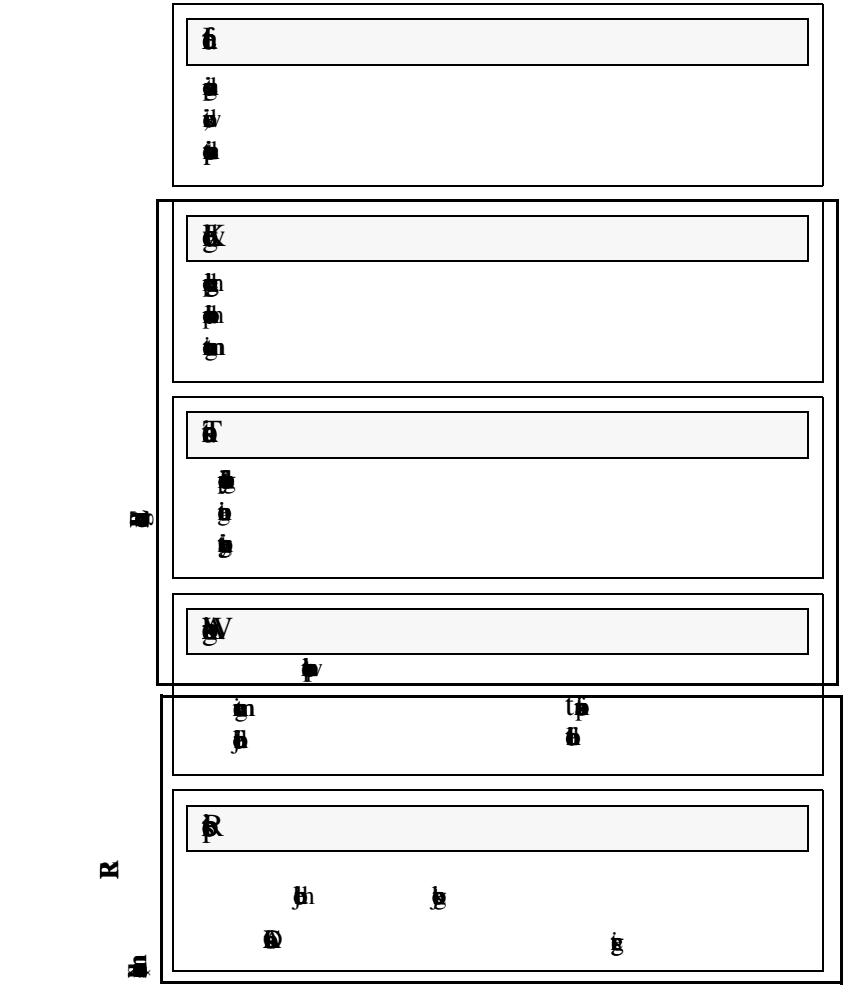
$$A() \cap B() \neq \varnothing$$

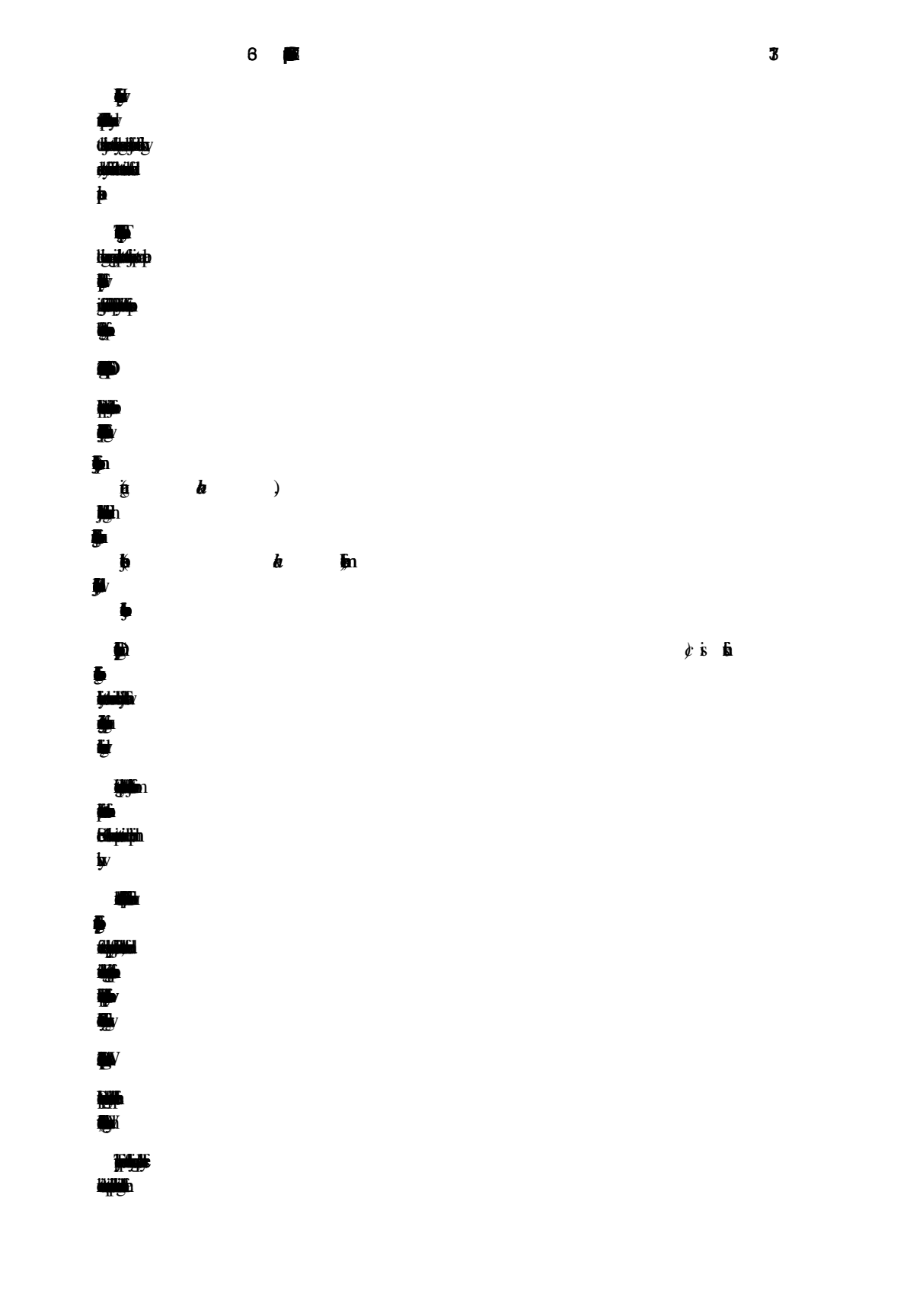
$$A() \cap B() = \$$$

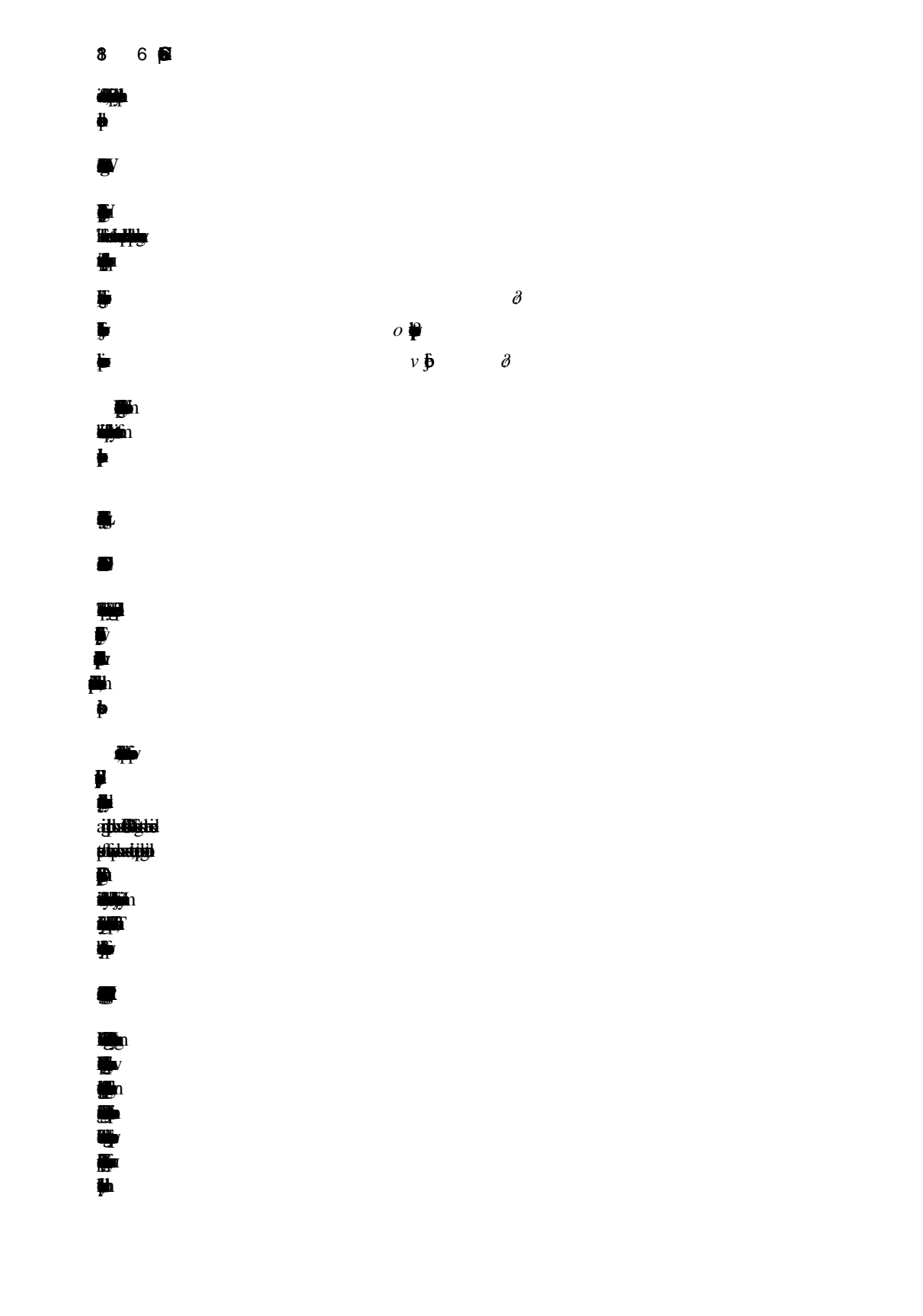
$$A() \cap B() \neq \varnothing$$

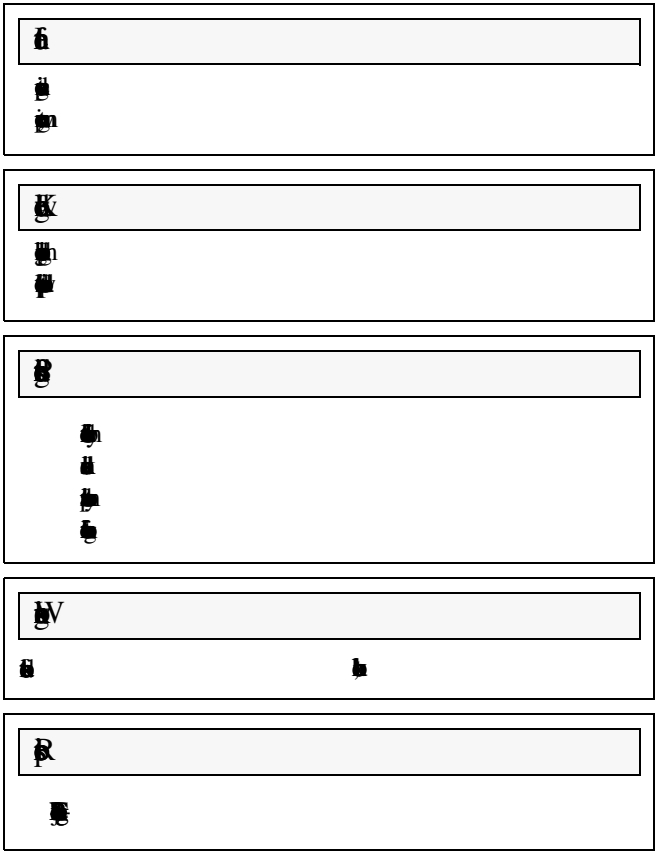
$$A() \cap B() \neq \varnothing$$

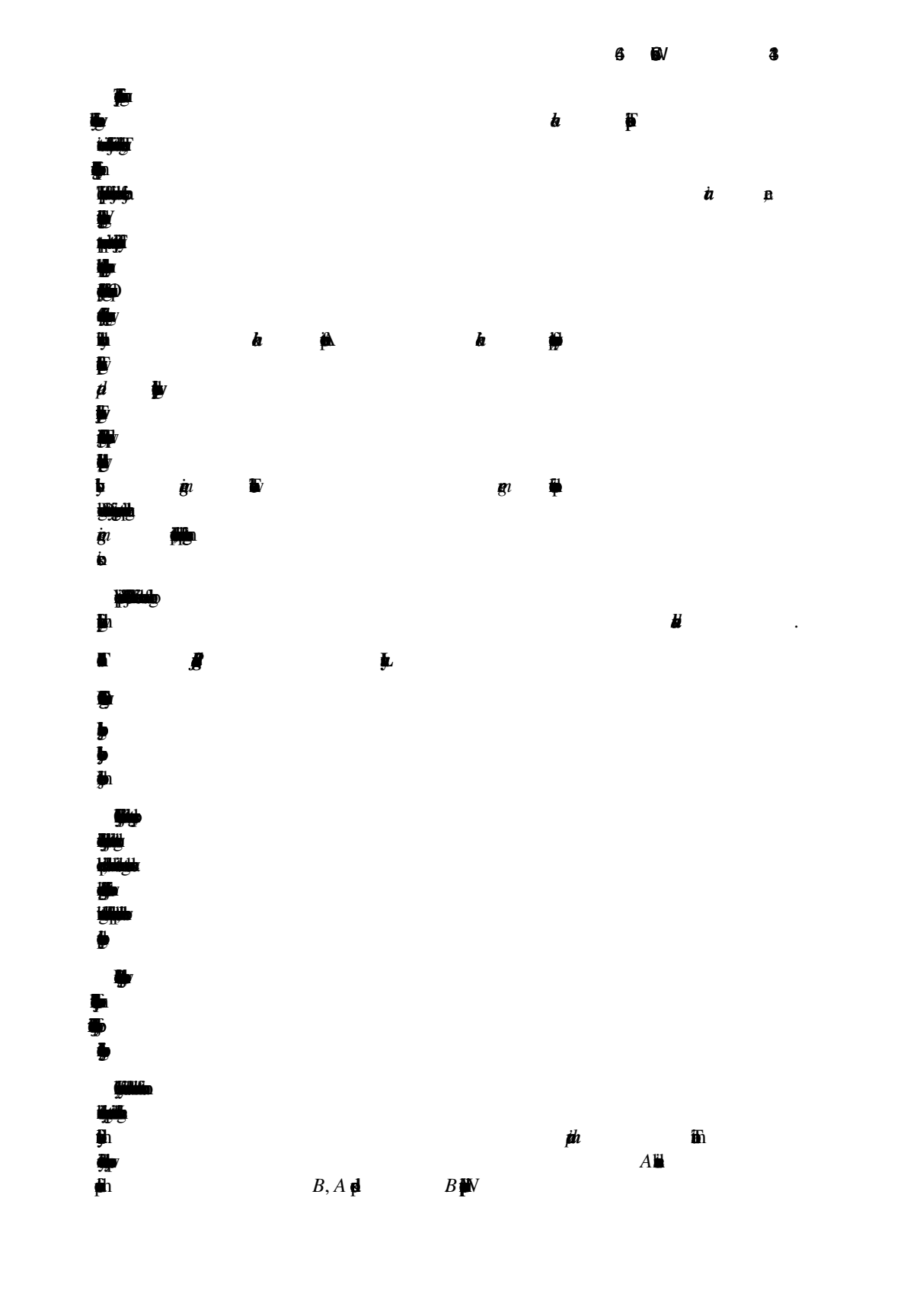
$$A() \cap B() \neq \varnothing$$

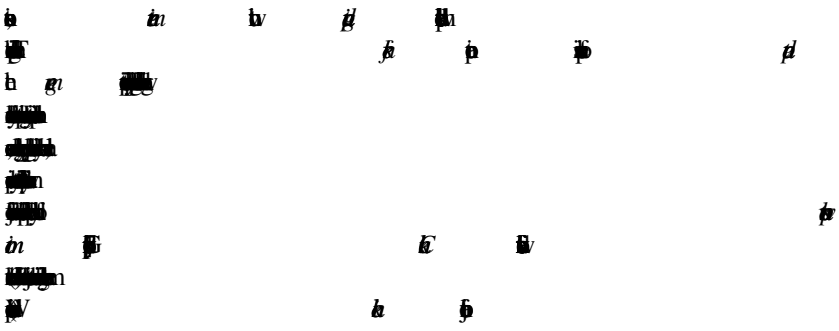


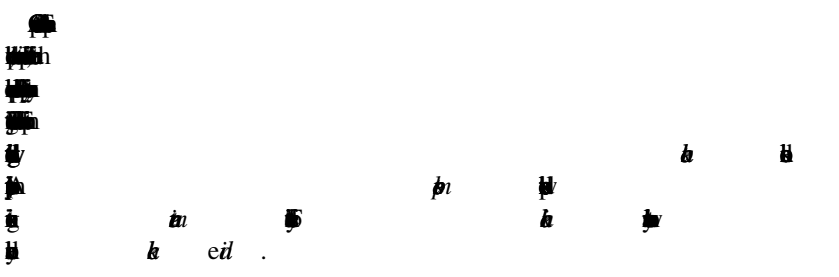


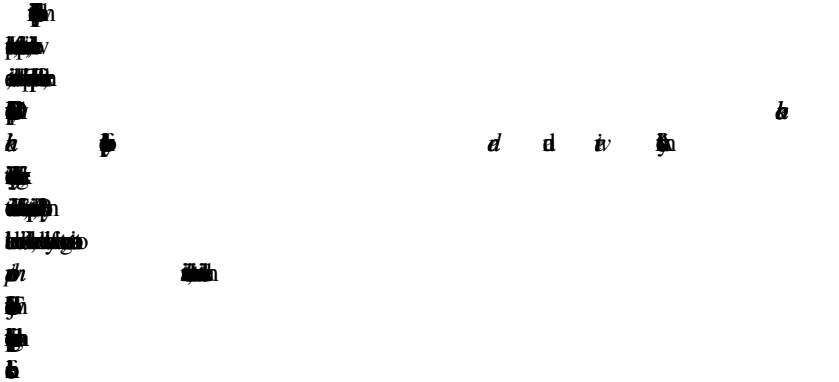






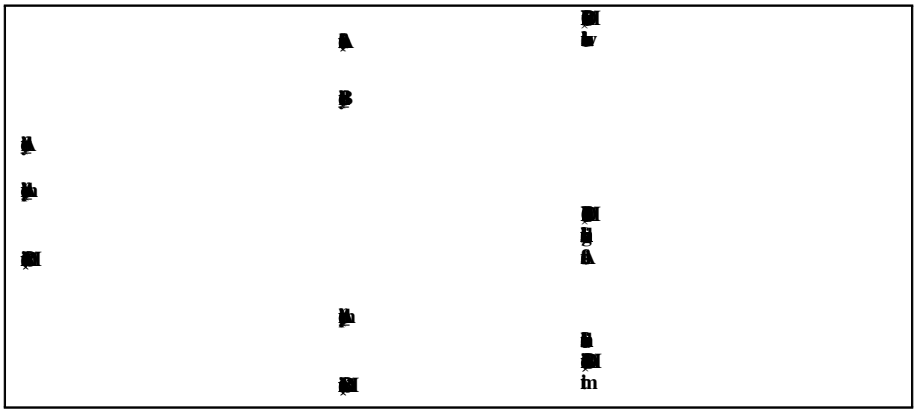


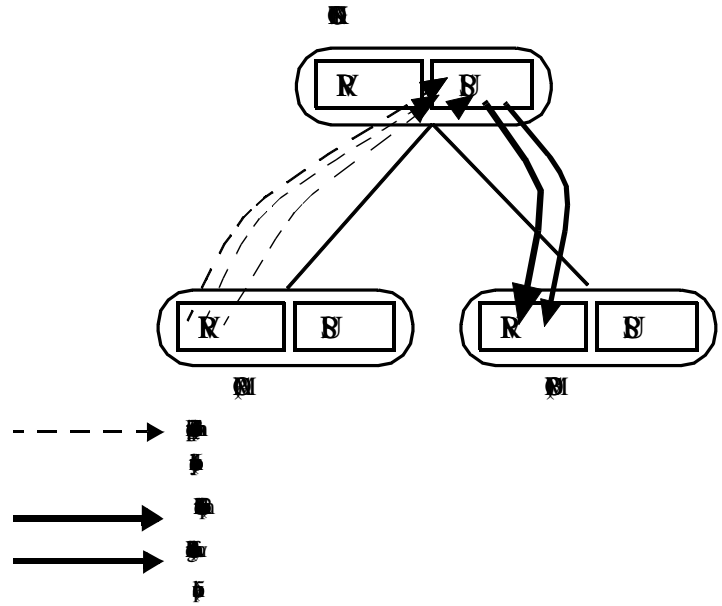


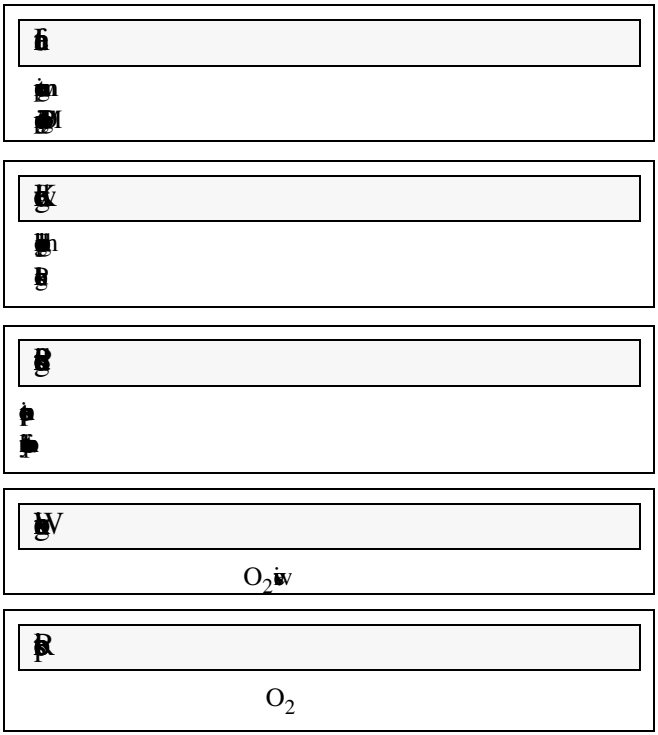











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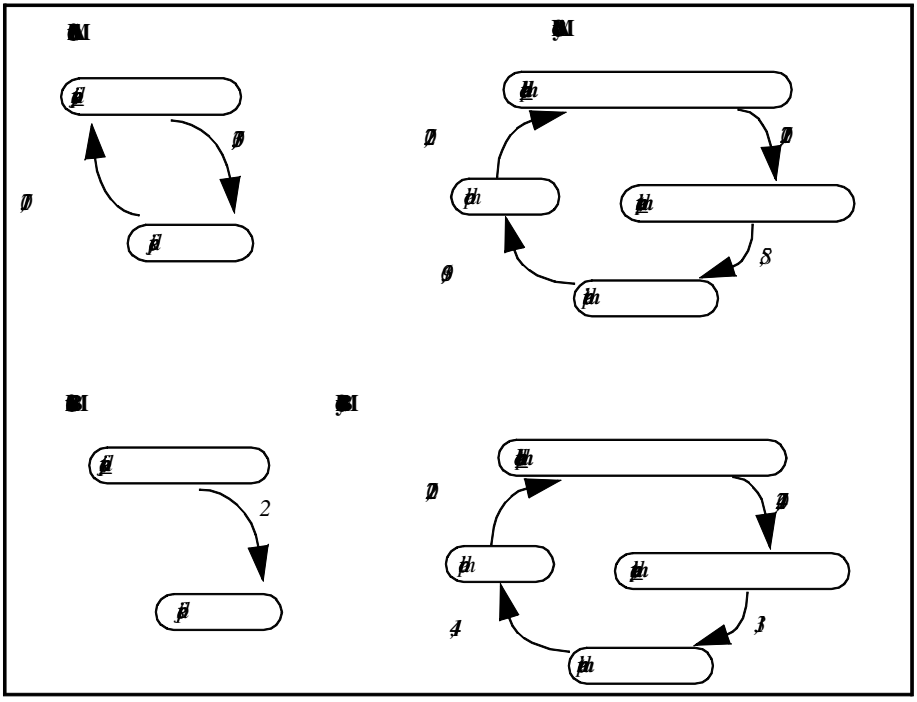
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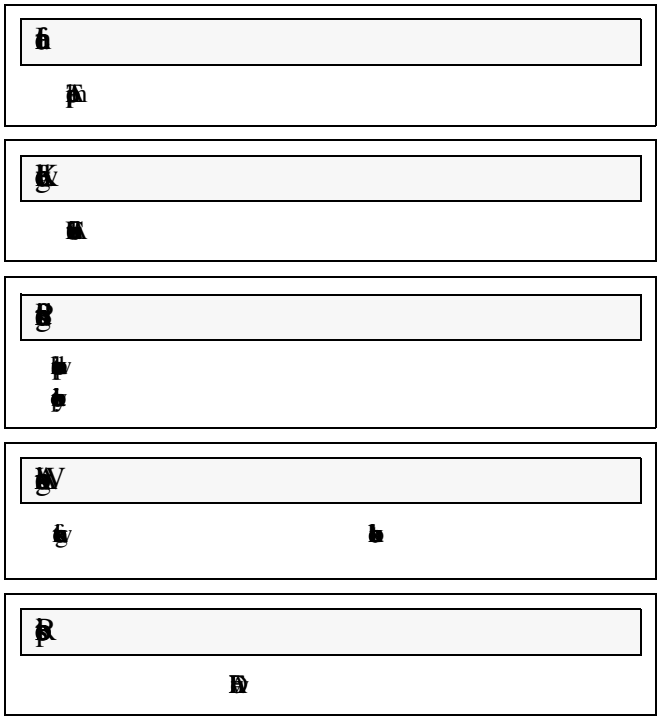
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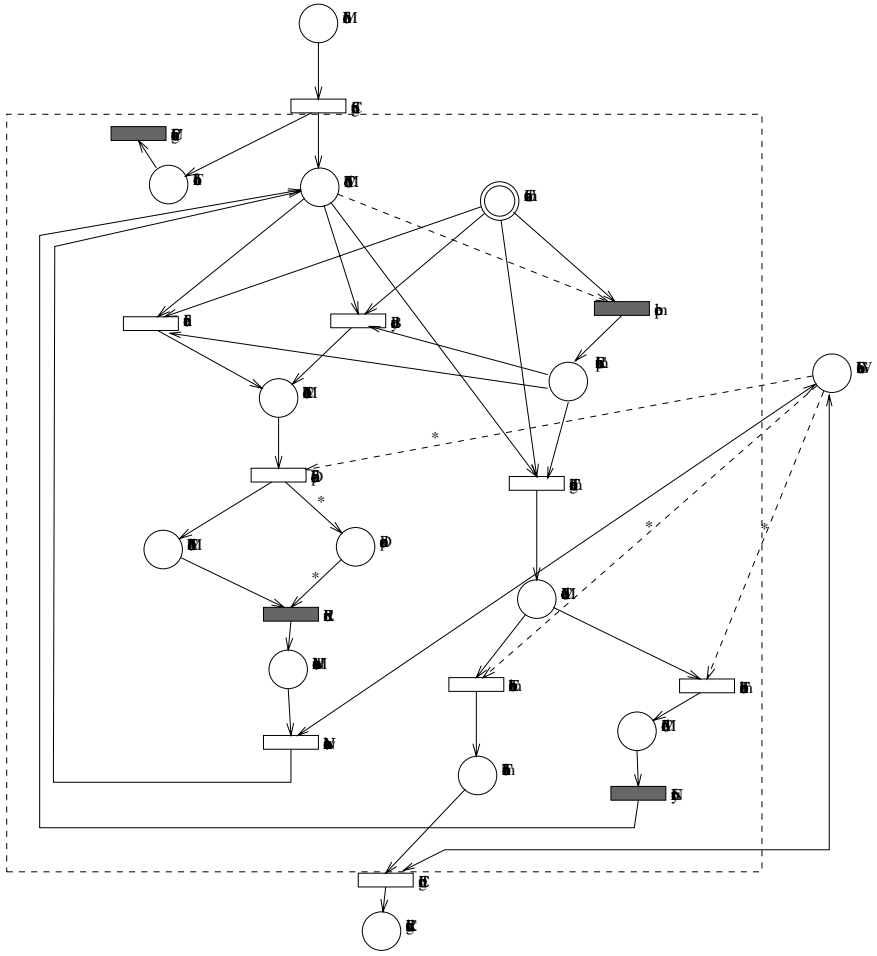
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ConfigureUserPlace UserCommandeditInterface, editBody, compile TerminateCoding editInterface UserCommand ModuleToCode editInterface check-out

GlobalWS

Dependencies RunEditor

GlobalWS

Termi-
nateCoding

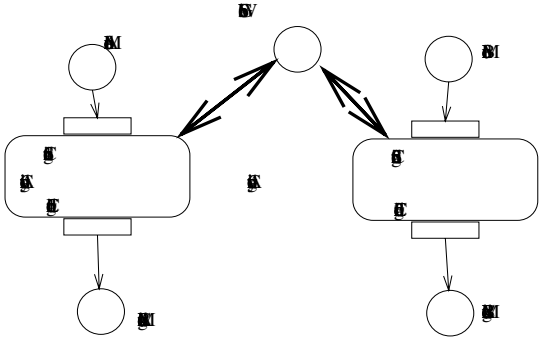
CompilationResult

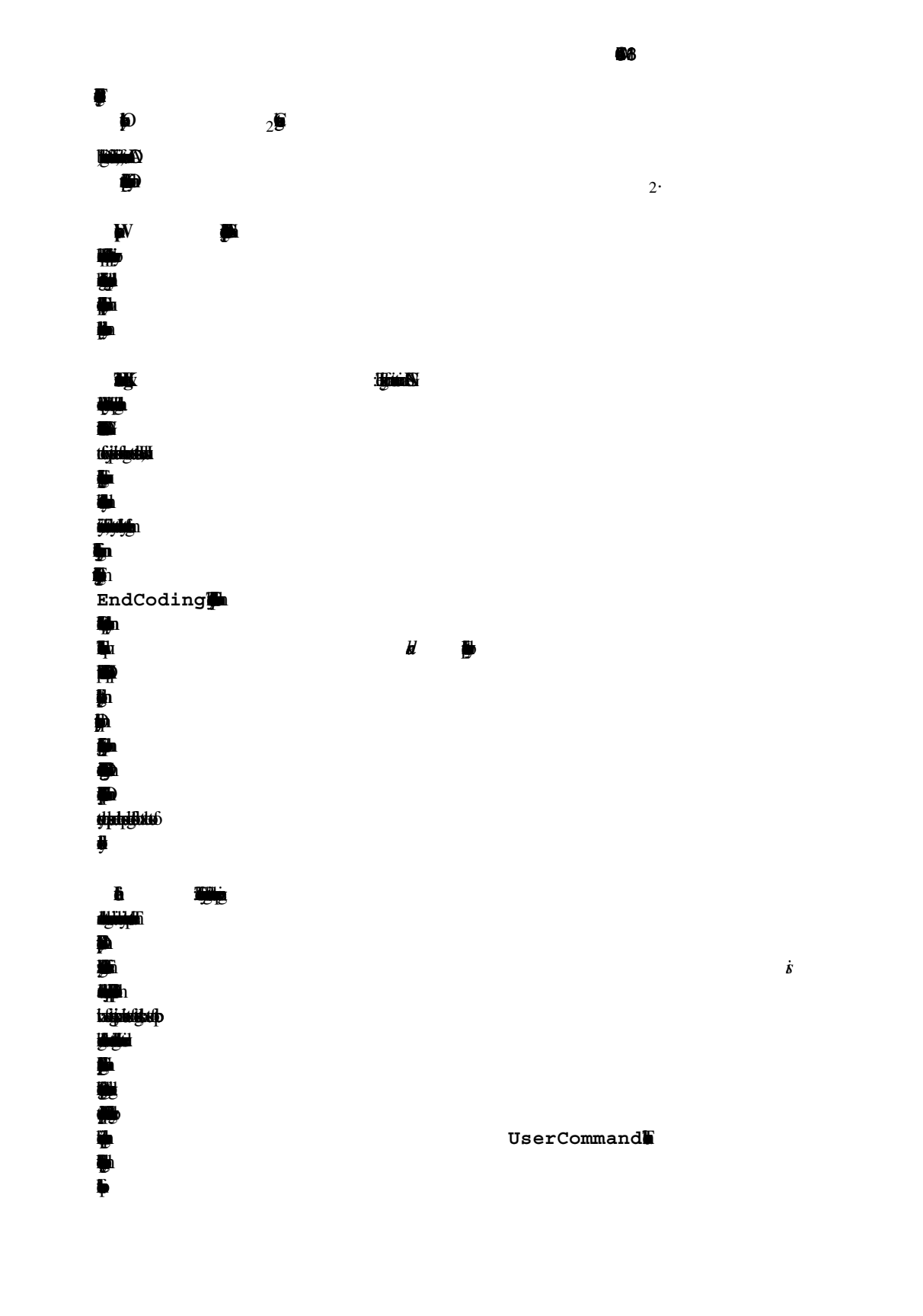
TerminateCoding EnableTermination
ForbidTermination EnableTermination

EnableTermination EndCoding

ForbidTermination EnableTermination
NotifyError
NotifyError
ModuleToCode

2 2




EndCoding
UserCommand

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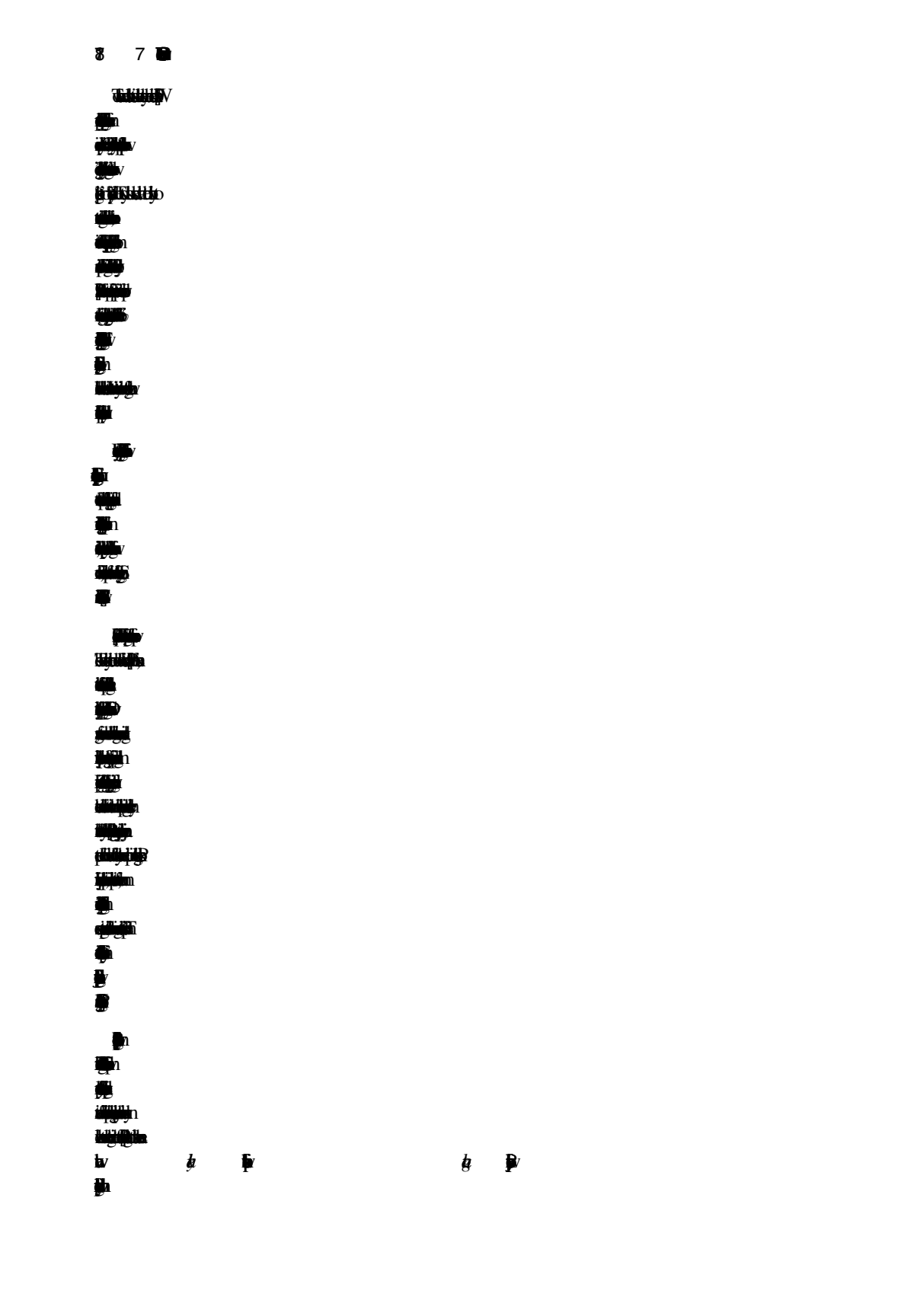


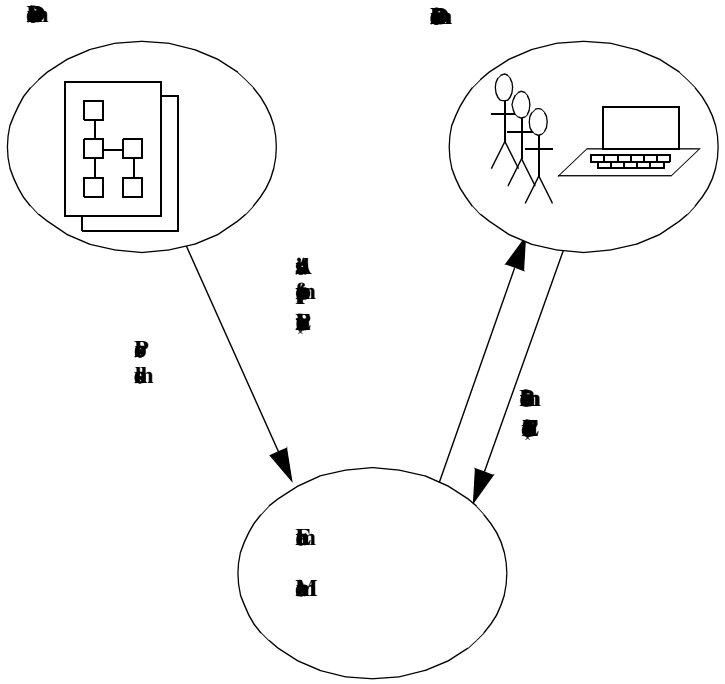


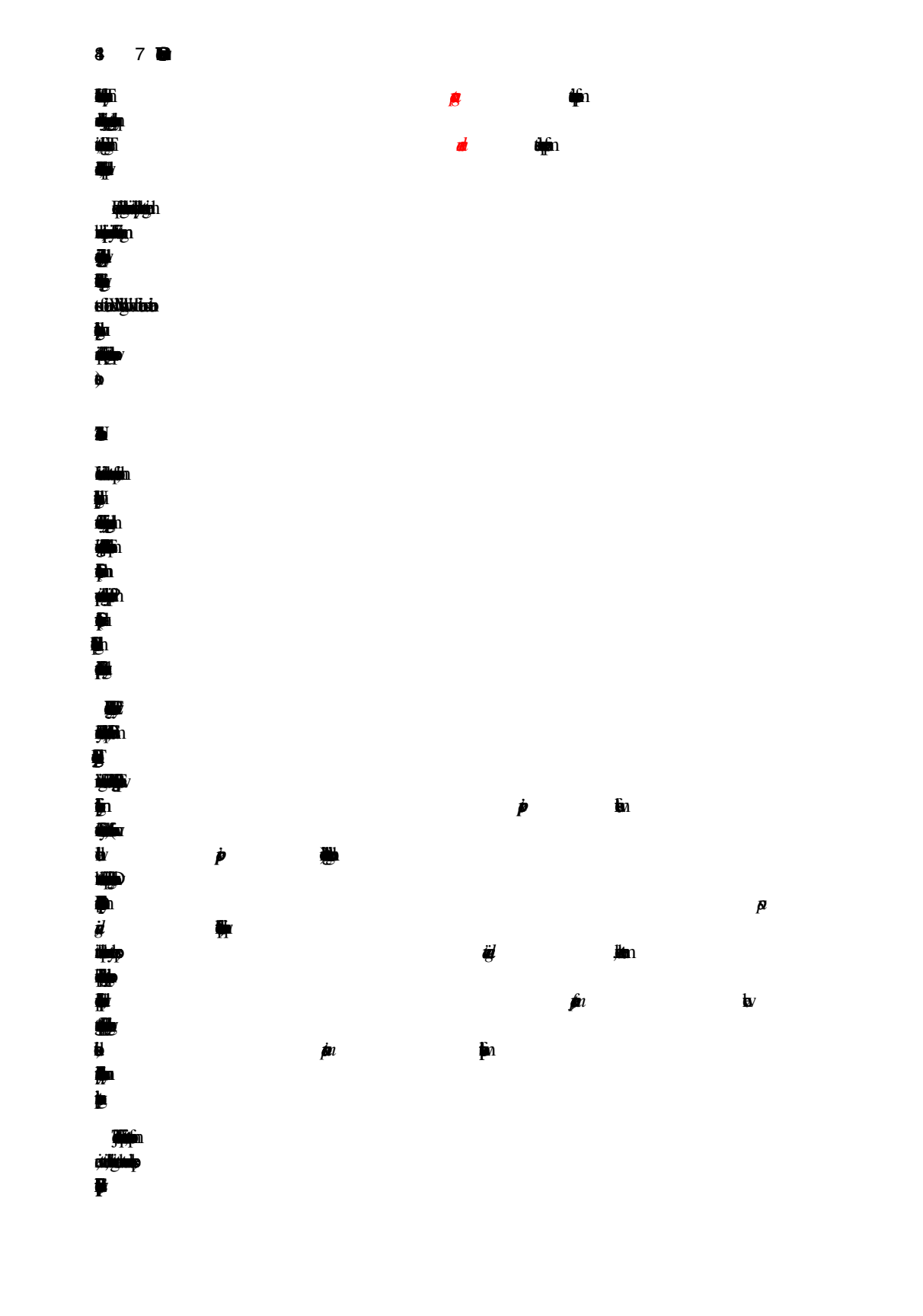


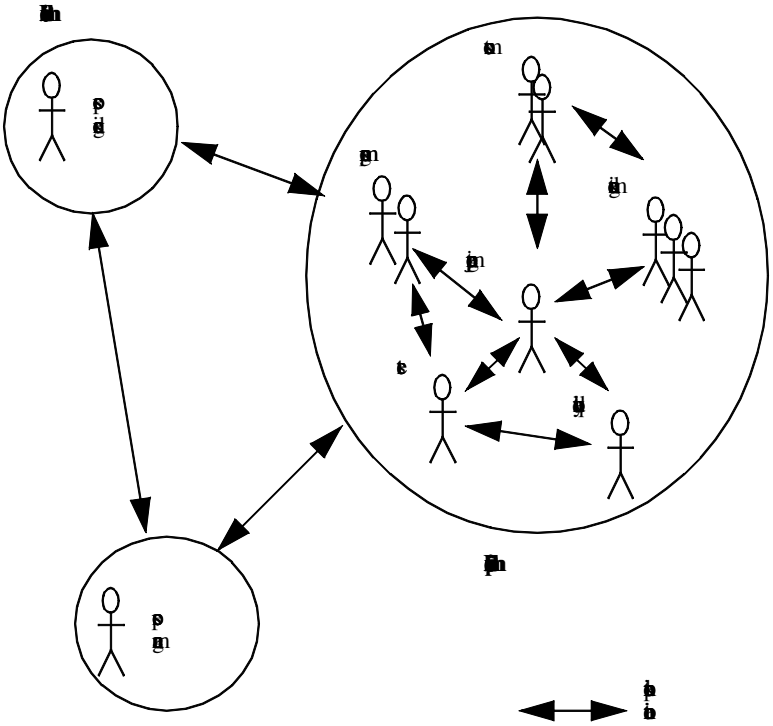












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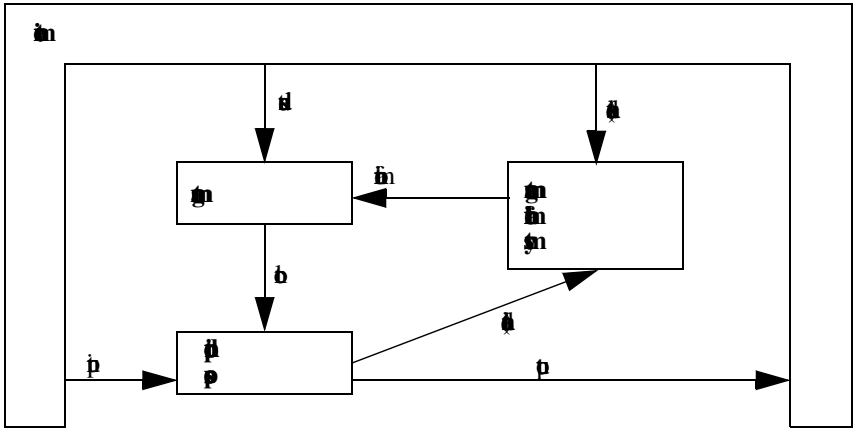
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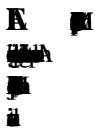
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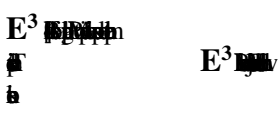
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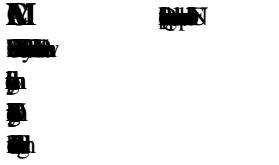




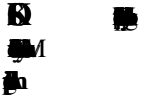










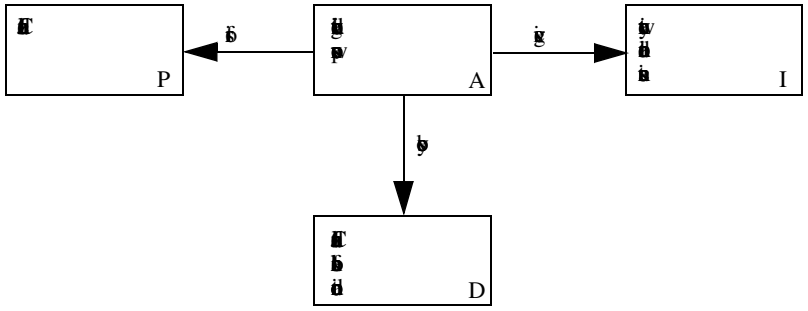


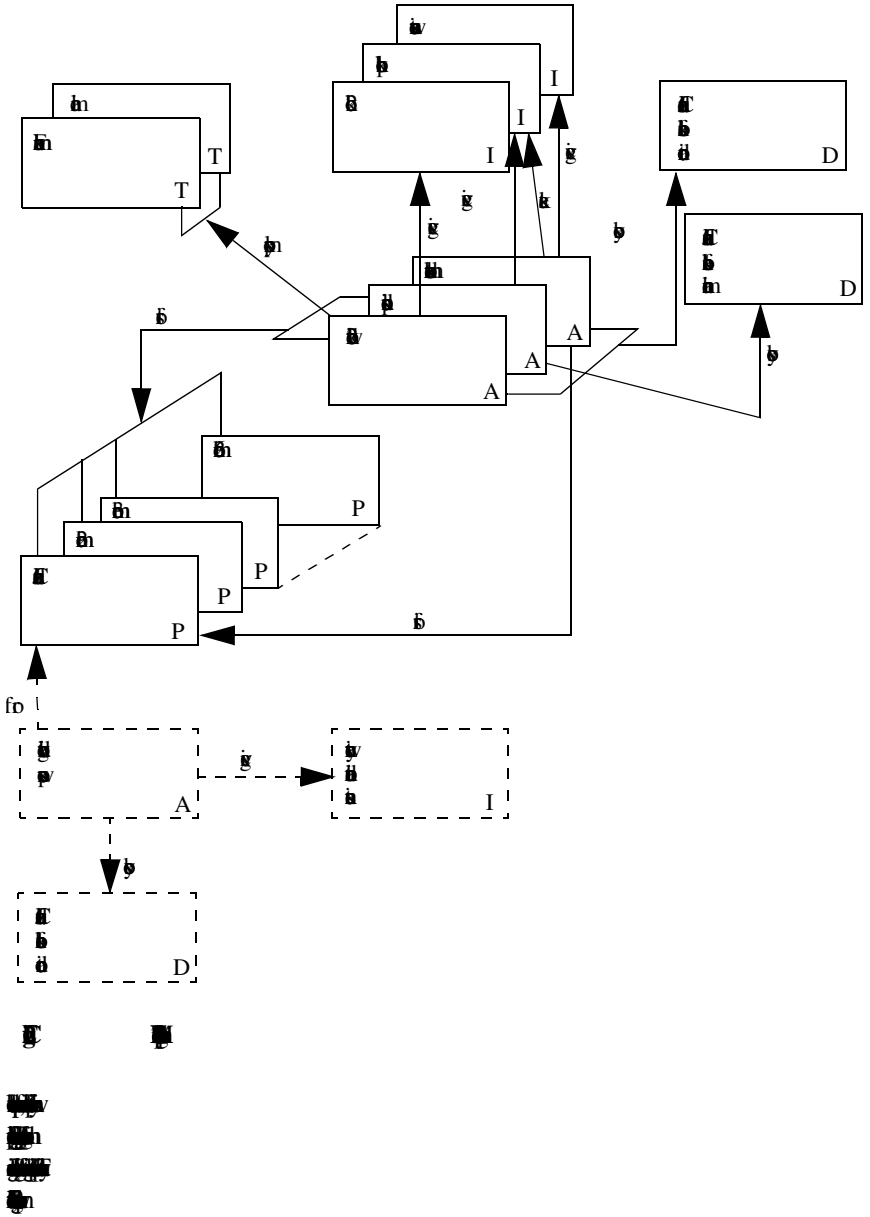


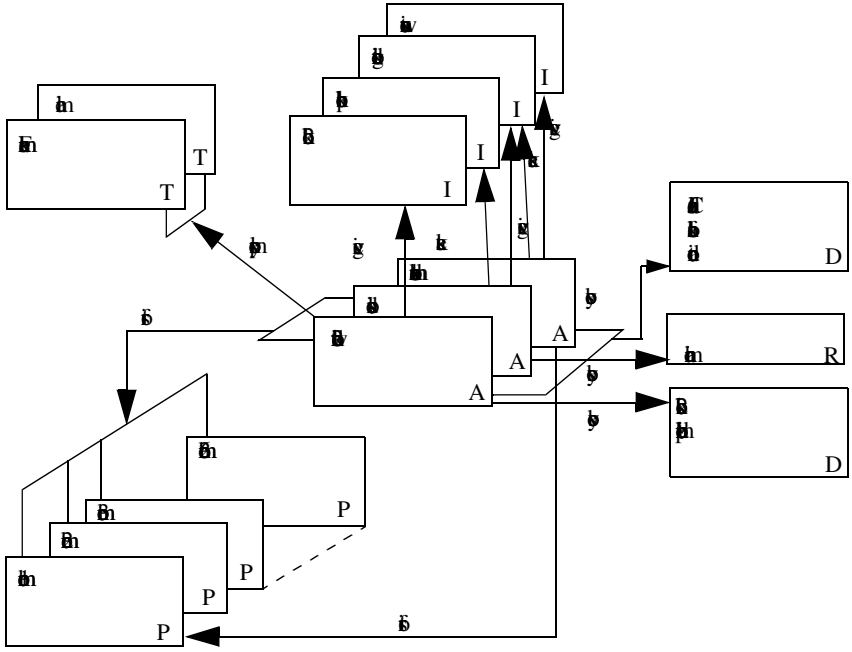




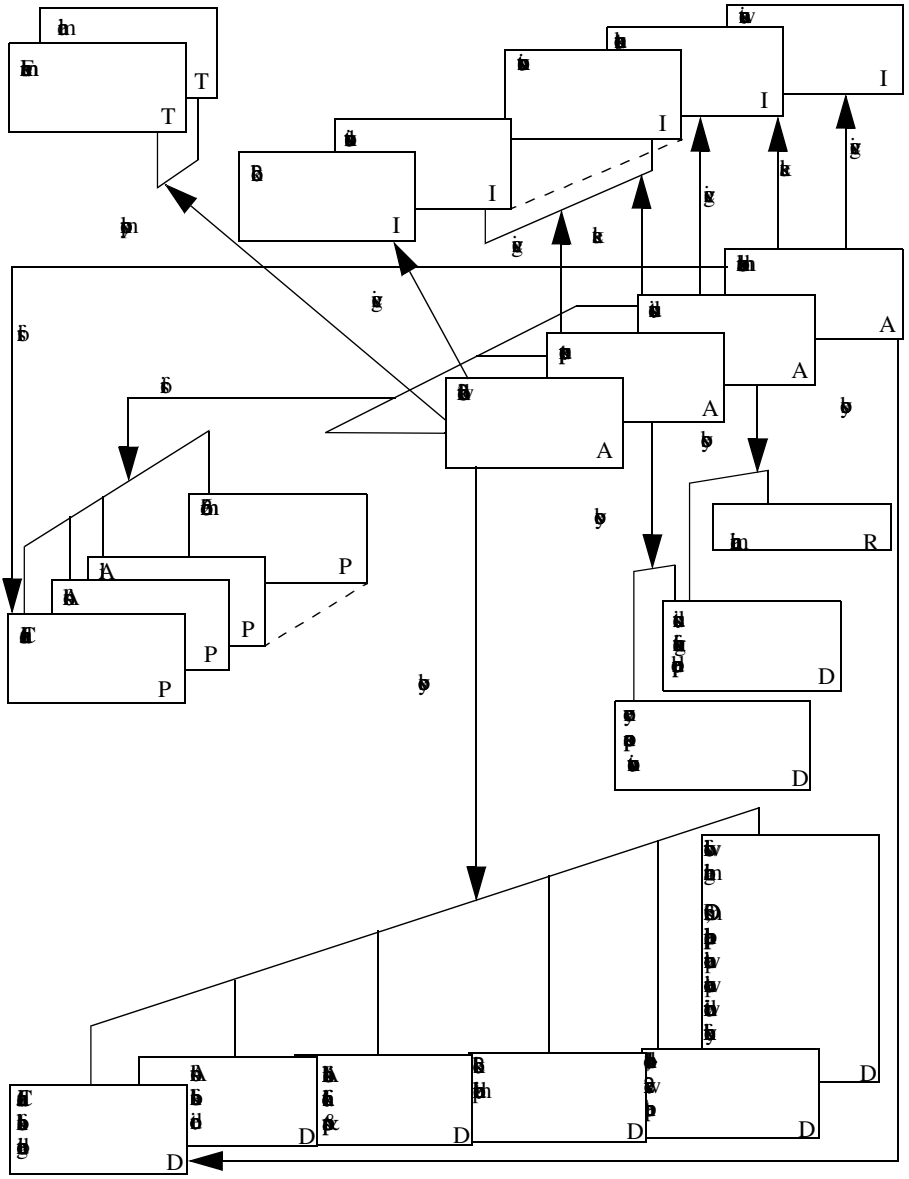
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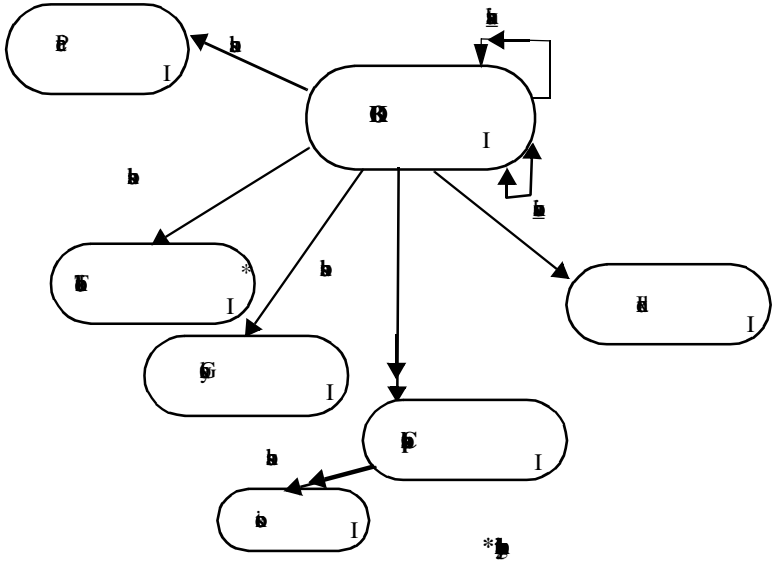

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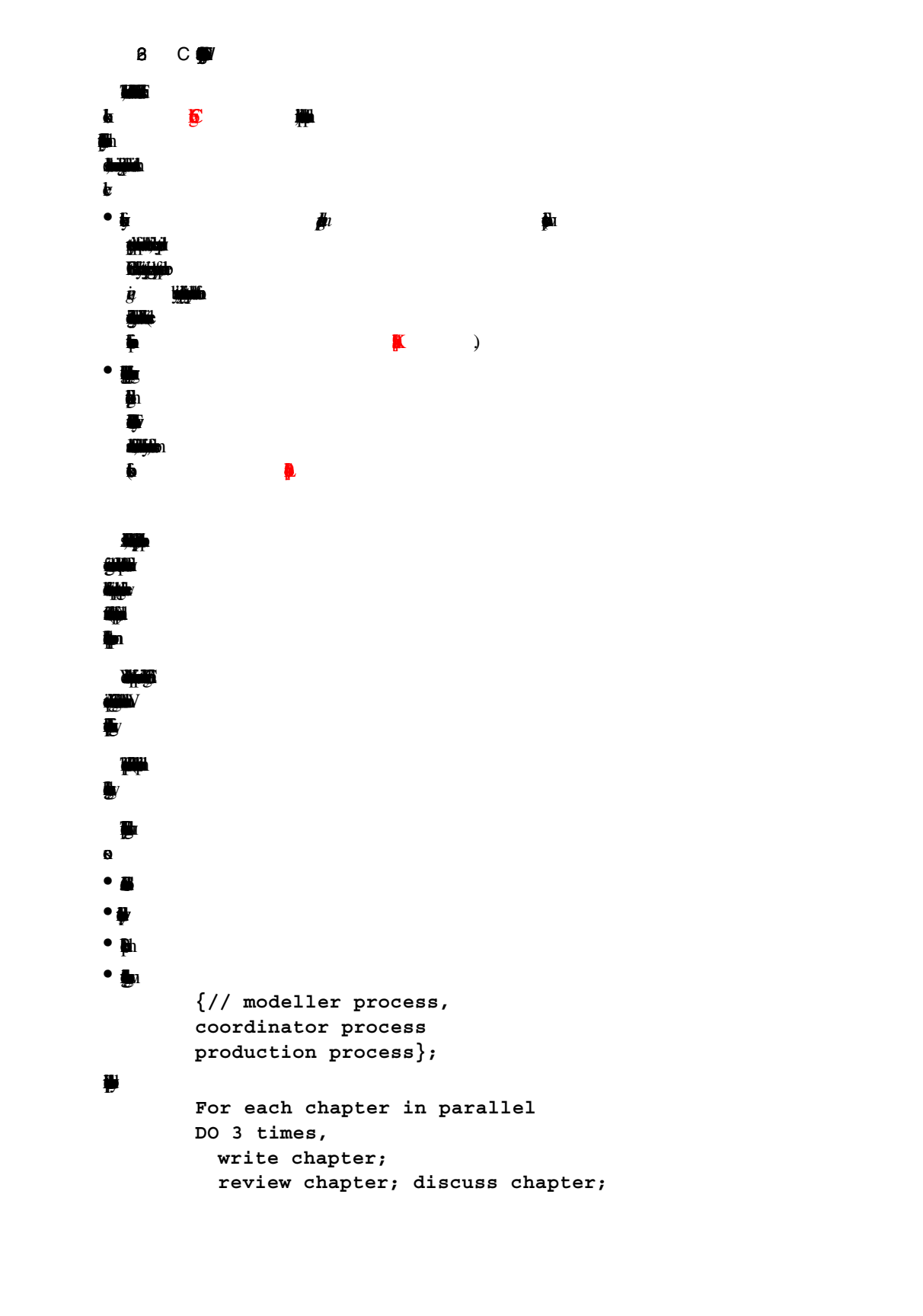

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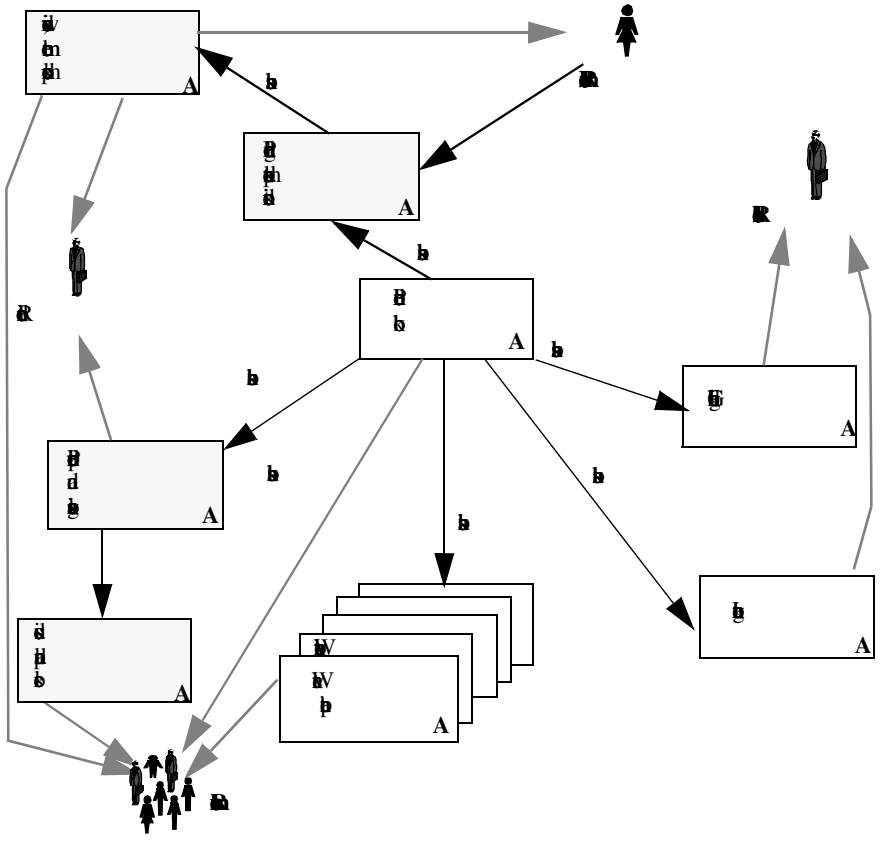

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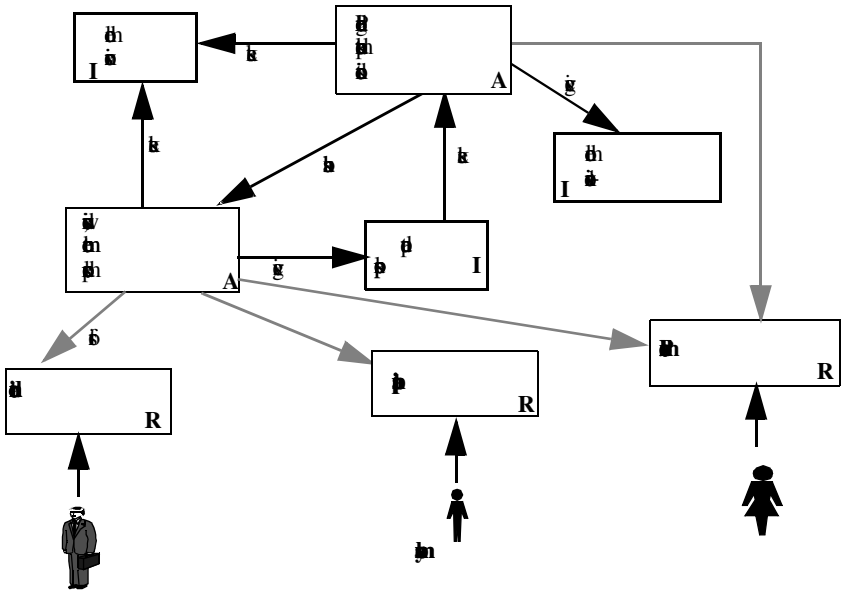


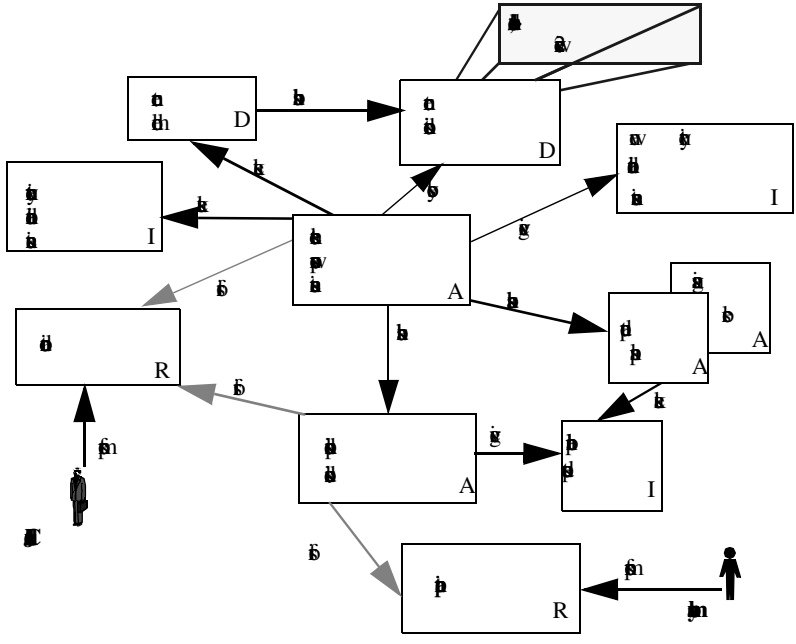
```
{// modeller process,
coordinator process
production process};

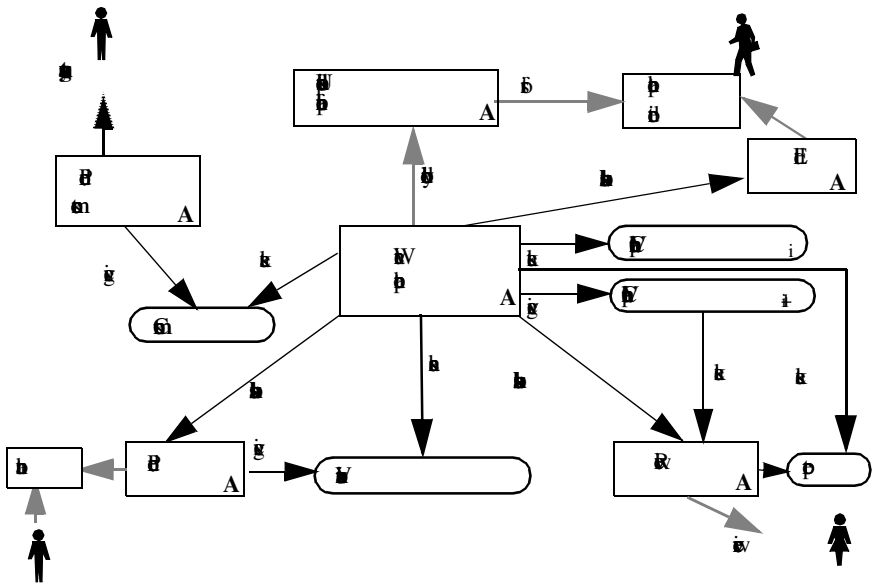
For each chapter in parallel
DO 3 times,
  write chapter;
  review chapter; discuss chapter;
```



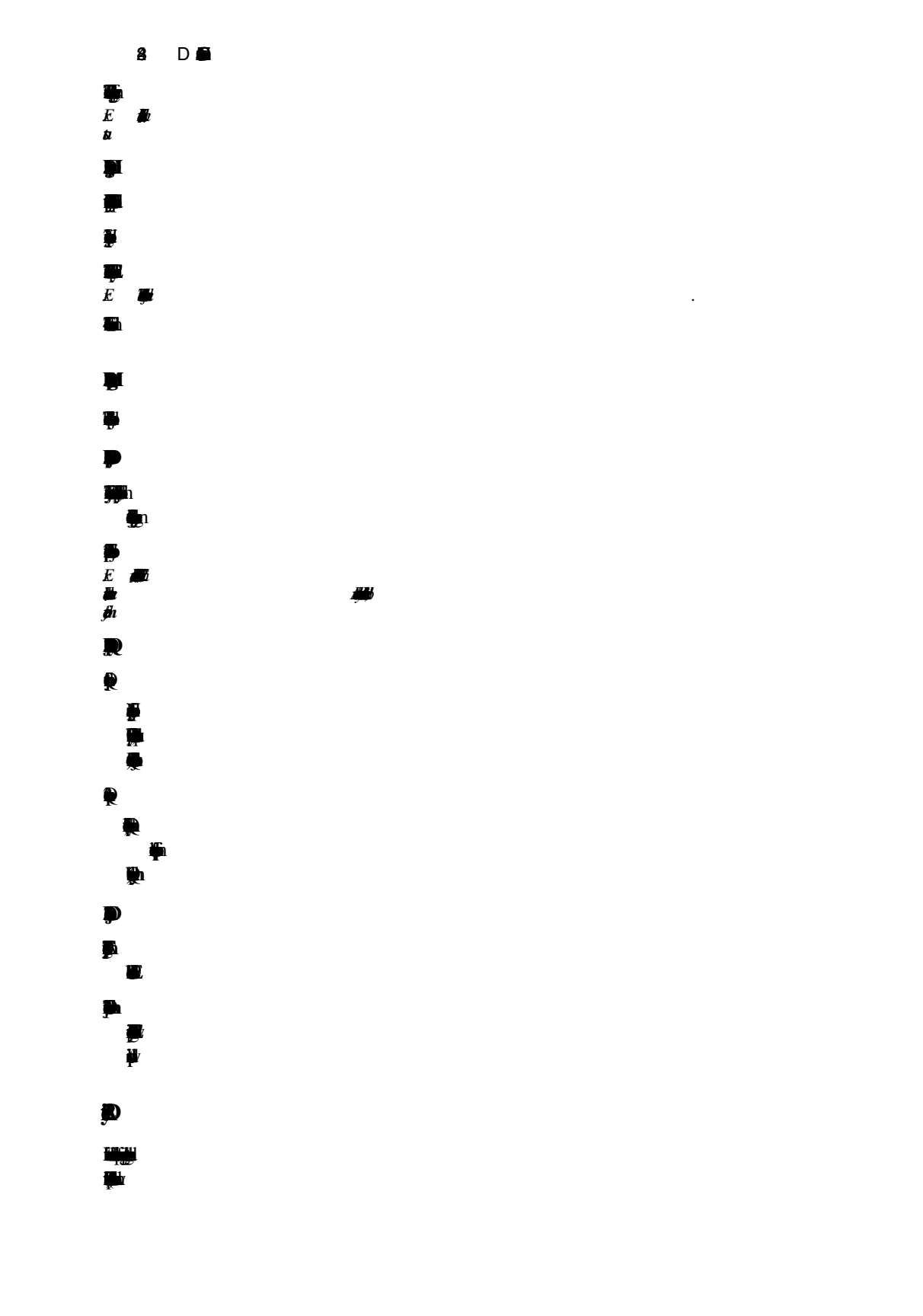
```
write introduction;
review; update;
edit;
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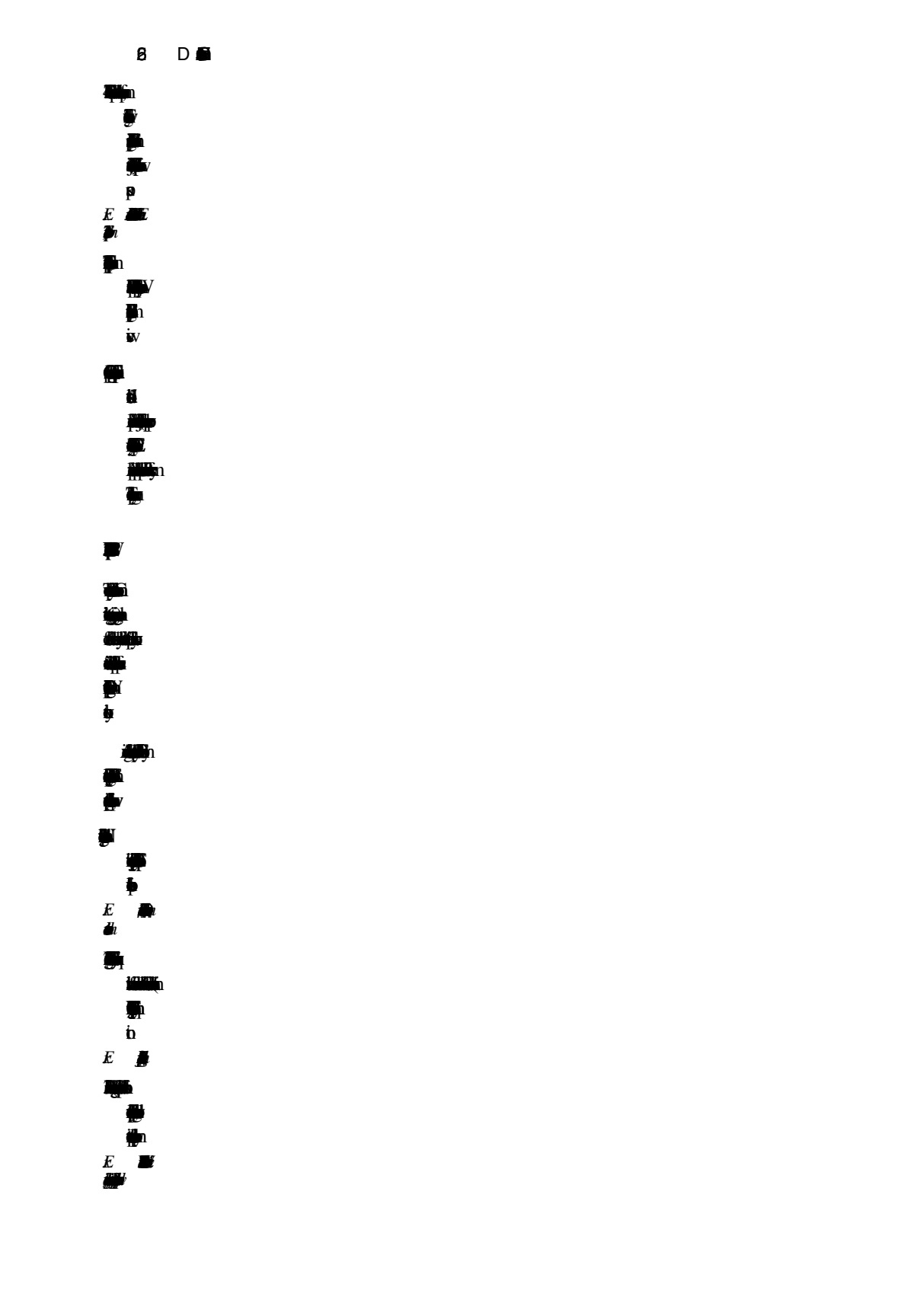
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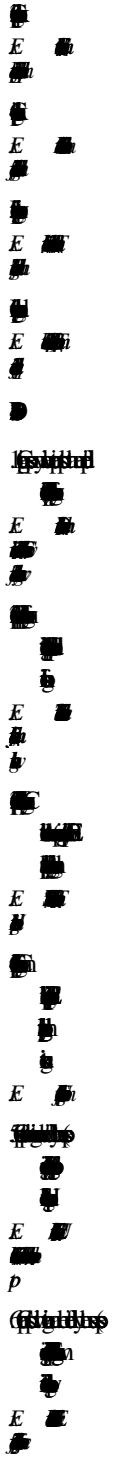
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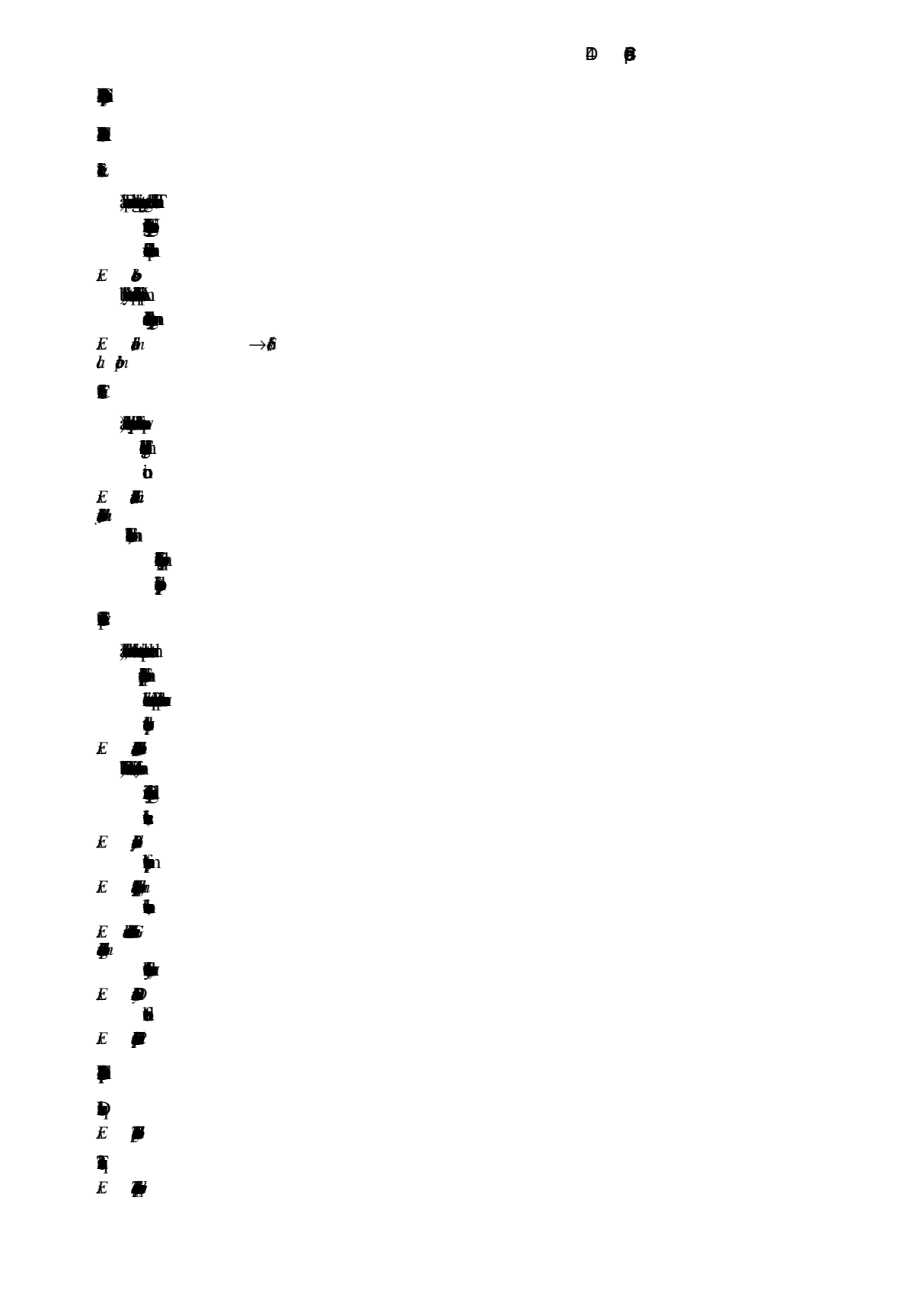
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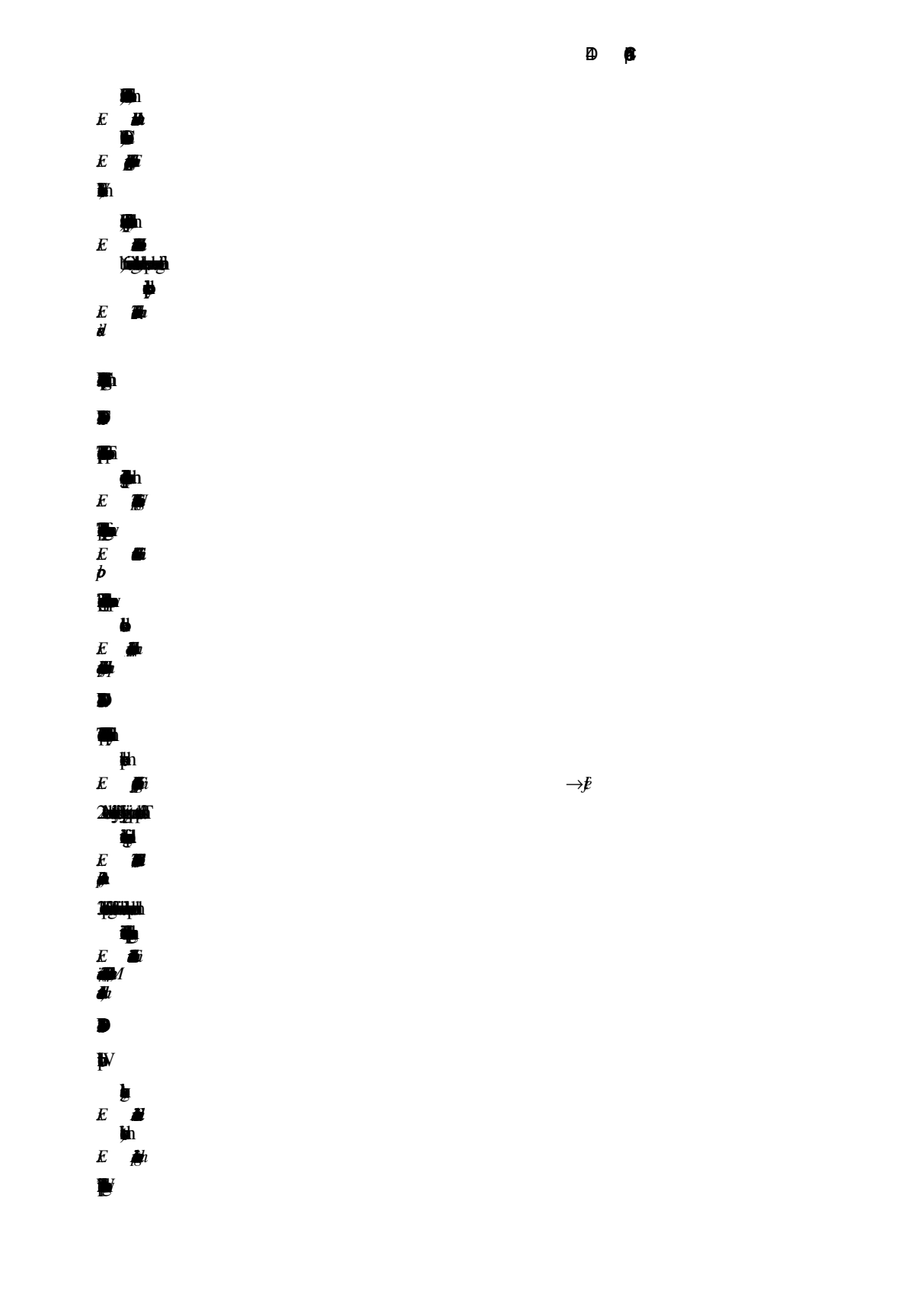
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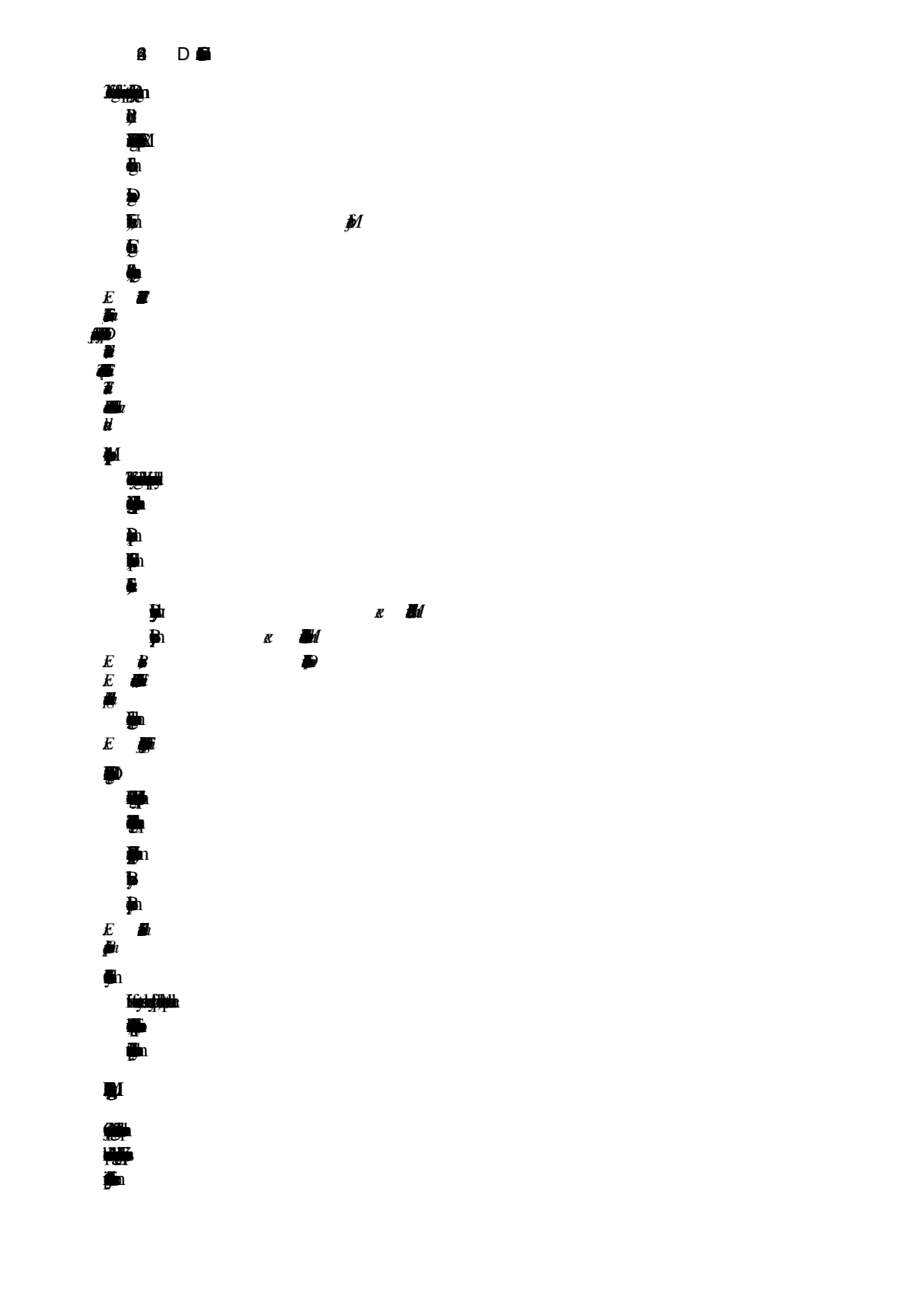








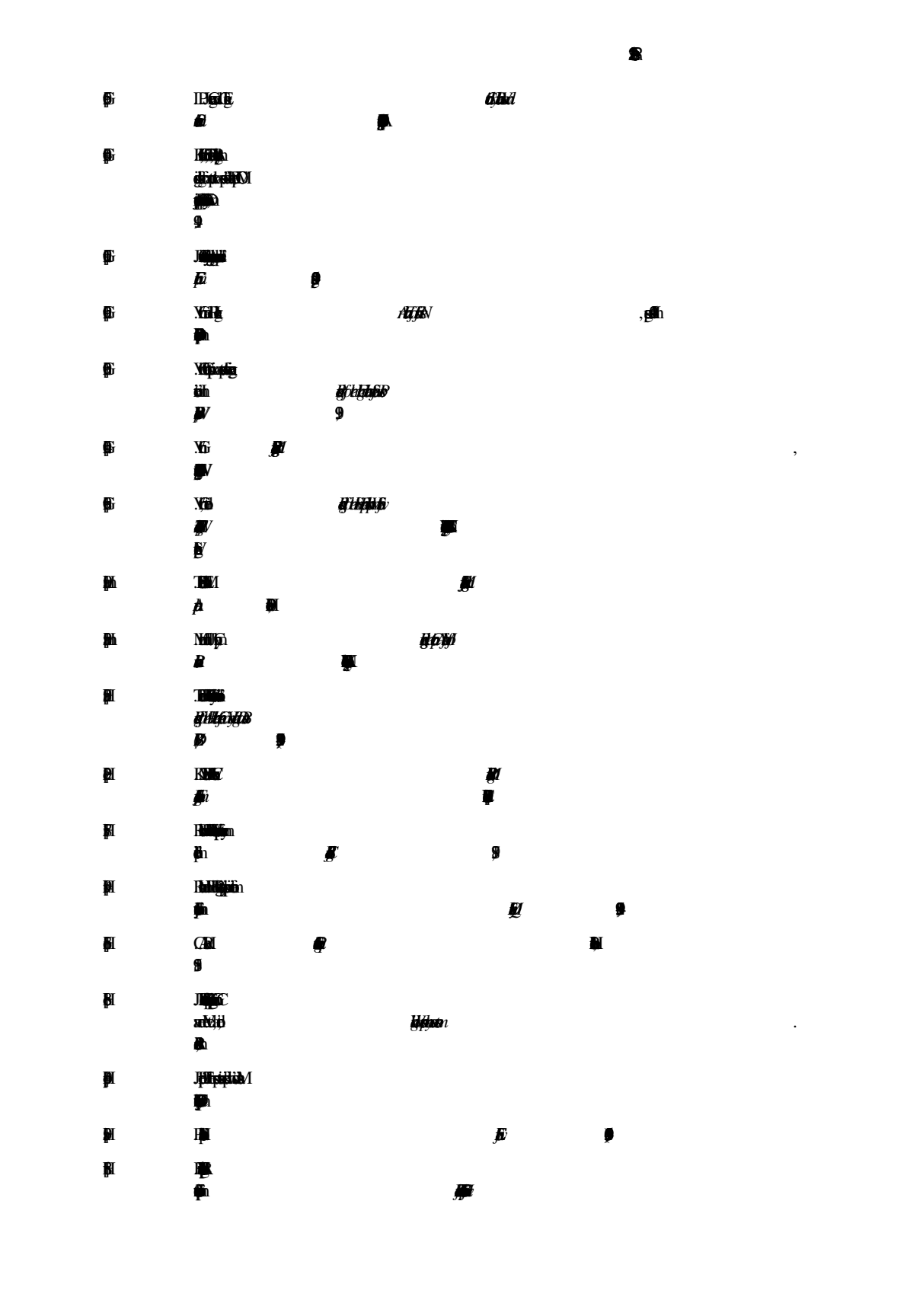




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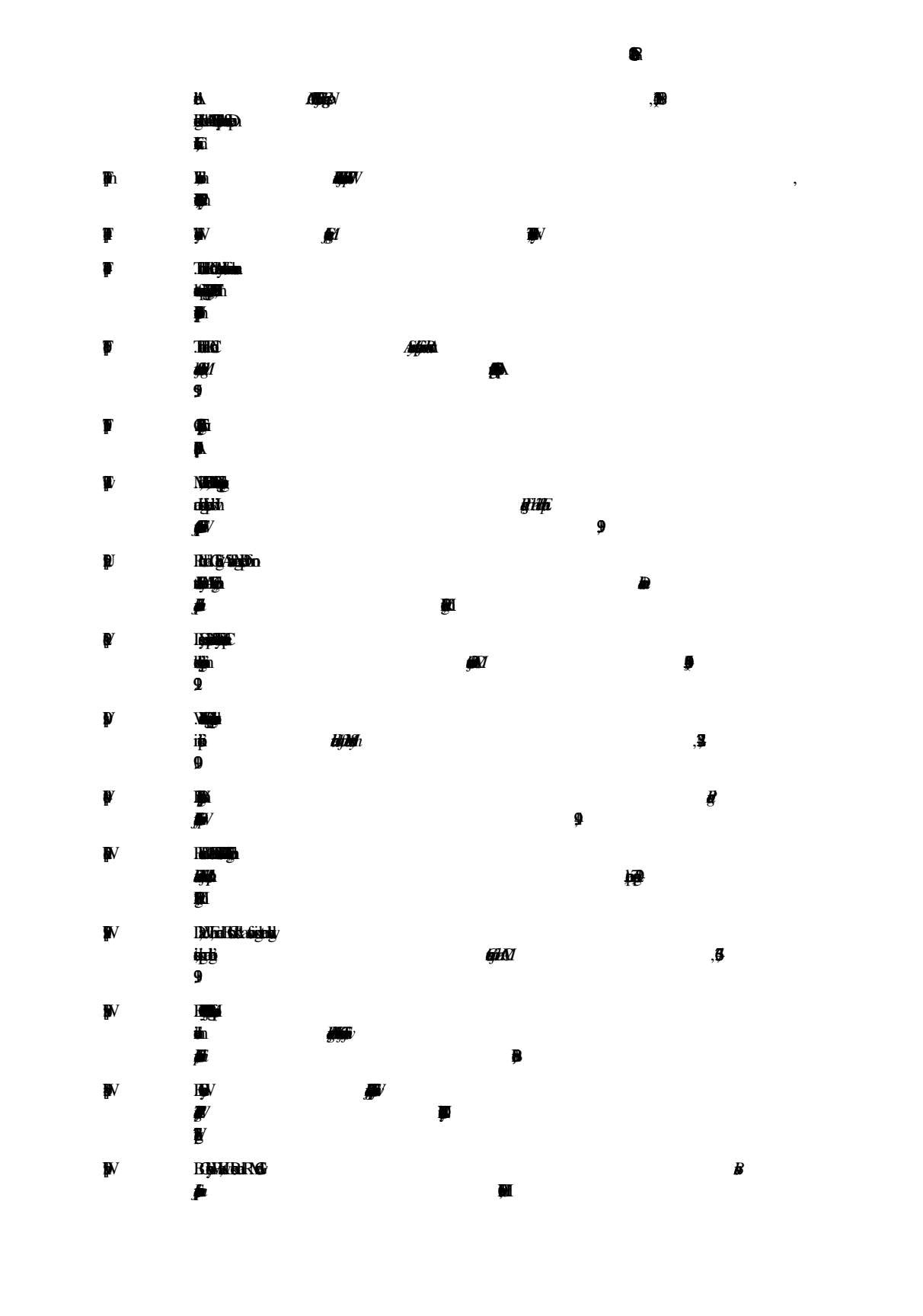
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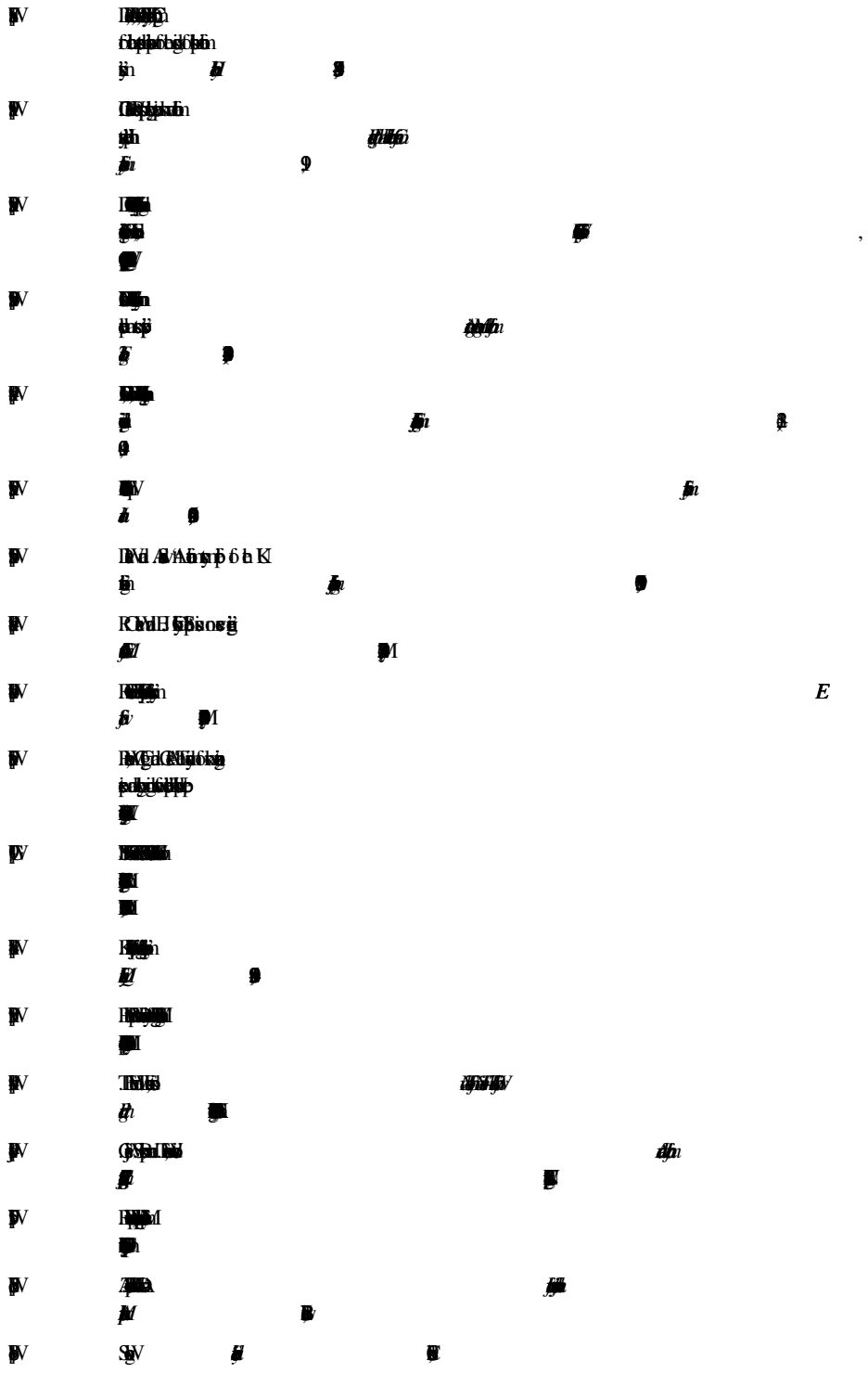


[illegible]

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